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OM protein - protein search, using sw model

Run on: November 18, 2004, 05:16:17 ; Search time 44.6377 Seconds
(without alignments)
166.398 Million cell updates/sec

Title: US-09-328-296-2

Perfect score: 587

Sequence: 1 DVVVTQPLSLVSLGQAQAS.....CSQTHVFWFGGKLEIQ 112

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents AA:*
1: /cgn2_6/ptodata/1/iaa/5A COMB.pep.*
2: /cgn2_6/ptodata/1/iaa/5B COMB.pep.*
3: /cgn2_6/ptodata/1/iaa/6A COMB.pep.*
4: /cgn2_6/ptodata/1/iaa/6B COMB.pep.*
5: /cgn2_6/ptodata/1/iaa/PCFUS COMB.pep.*
6: /cgn2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	550	93.7	238	2	US-08-224-591-12
2	550	93.7	238	2	US-08-392-338A-21
3	550	93.7	238	2	US-08-926-789-12
4	550	93.7	238	3	US-09-166-750-21
5	550	93.7	238	3	US-09-166-093-21
6	550	93.7	238	3	US-09-172-019-21
7	550	93.7	238	3	US-09-166-094-21
8	550	93.7	238	4	US-09-443-213-21
9	550	93.7	239	5	PCT-US93-11138-12
10	550	93.7	240	2	US-08-392-338A-11
11	550	93.7	240	3	US-09-166-750-11
12	550	93.7	240	3	US-09-166-093-11
13	550	93.7	240	3	US-09-172-019-11
14	550	93.7	240	3	US-09-166-094-11
15	550	93.7	240	4	US-09-443-213-11
16	550	93.7	250	2	US-08-392-338A-15
17	550	93.7	250	3	US-09-166-750-15
18	550	93.7	250	3	US-09-166-093-15
19	550	93.7	250	3	US-09-172-019-15
20	550	93.7	250	3	US-09-166-094-15
21	550	93.7	250	4	US-09-443-213-15
22	550	93.7	253	2	US-08-392-338A-17
23	550	93.7	253	3	US-09-166-750-17
24	550	93.7	253	3	US-09-166-093-17
25	550	93.7	253	3	US-09-172-019-17
26	550	93.7	253	3	US-09-166-094-17
27	550	93.7	253	4	US-09-443-213-17

28 549 93.5 242 6 545030-17 Patent No. 545030
29 546 93.0 131 3 US-08-589-939-7 Sequence 7, Appli
30 541.5 92.2 114 4 US-09-914-695-18 Sequence 18, Appli
31 541 92.2 112 4 US-09-518-737-4 Sequence 4, Appli
32 539 91.8 114 1 US-07-942-245-9 Sequence 9, Appli
33 538 91.7 638 3 US-09-070-637-20 Sequence 20, Appli
34 537 91.5 112 2 US-08-606-293-4 Sequence 4, Appli
35 534 91.0 246 1 US-08-257-341-7 Sequence 7, Appli
36 534 91.0 252 1 US-08-133-804-4 Sequence 4, Appli
37 534 91.0 252 1 US-08-461-838-4 Sequence 4, Appli
38 534 91.0 252 2 US-08-461-838-4 Sequence 4, Appli
39 534 91.0 367 1 US-08-257-341-5 Sequence 5, Appli
40 529 90.1 269 1 US-08-257-341-5 Sequence 32, Appli
41 528 89.9 112 2 US-08-606-293-8 Sequence 8, Appli
42 528 89.9 173 5 PCT-US91-02942-3 Sequence 3, Appli
43 528 89.9 173 5 PCT-US91-02946-3 Sequence 3, Appli
44 527 89.8 285 3 US-09-318-661-4 Sequence 4, Appli
45 527 89.8 285 4 US-09-883-758-4 Sequence 4, Appli

ALIGNMENTS

RESULT 1

US-08-224-591-12
; Sequence 12, Application US/08224591
; Patent No. 5856456
; GENERAL INFORMATION:
; APPLICANT: Whitlow, Marc
; APPLICANT: Filpula, David
; TITLE OF INVENTION: Linker For Linked Fusion Polypeptides
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/224,591
; FILING DATE: Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/002,845
; FILING DATE: 15-JAN-1993
; APPLICATION NUMBER: US 07/980,529
; FILING DATE: 20-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0977.1920002/JAG
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 238 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-224-591-12

Query Match 93.7%; Score 550; DB 2; Length 238;
Best Local Similarity 92.9%; Pred. NO. 1.3e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQPLSLVSLGQAQASICRSQSGLVHNSNGTFLHWYLPKQGSPLLIYTVSNRF 60

Db 1 DVVMTQTPLSLPVSLGQASISCRSSQSLVHSGNTYLRWYLOKPGQSPKLLIYKVSNR 60
QY 61 SGVPRFSGSGGDTFTLKISRVEAEDLGVYFCSTHTVPTFGGKLEIQ 112
Db 61 SGVPRFSGSGGDTFTLKISRVEAEDLGVYFCSTHTVPTFGGKLEIK 112

RESULT 2
US-08-392-338A-21
; Sequence 21, Application US/08392338A
; Patent No. 5869820
; GENERAL INFORMATION:
; APPLICANT: Whitlow, Marc
; APPLICANT: Wood, James F.
; APPLICANT: Hardman, Karl
; APPLICANT: Bird, Robert
; APPLICANT: Filpula, David
; TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, NW
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/392,338A
; FILING DATE: 22-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/989,846
; FILING DATE: 20-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/796,936
; FILING DATE: 25-NOV-1991
; FILING DATE: 25-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0977.0030007
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 238 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: Protein
US-08-392-338A-21

Query Match 93.7%; Score 550; DB 2; Length 238;
Best Local Similarity 92.9%; Pred. No. 1.3e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVMTQTPLSLPVSLGQASISCRSSQSLVHSGNTYLRWYLOKPGQSPKLLIYKVSNR 60
Db 1 DVVMTQTPLSLPVSLGQASISCRSSQSLVHSGNTYLRWYLOKPGQSPKLLIYKVSNR 60

QY 61 SGVPRFSGSGGDTFTLKISRVEAEDLGVYFCSTHTVPTFGGKLEIQ 112
Db 61 SGVPRFSGSGGDTFTLKISRVEAEDLGVYFCSTHTVPTFGGKLEIK 112

RESULT 3
US-08-926-789-12
; Sequence 12, Application US/08926789

; Patent No. 5990275
; GENERAL INFORMATION:
; APPLICANT: Whitlow, Marc
; APPLICANT: Filpula, David
; TITLE OF INVENTION: Linker For Linked Fusion Polypeptides
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/926,789
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/224,591
; FILING DATE:
; APPLICATION NUMBER: US 08/002,845
; FILING DATE: 15-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/980,529
; FILING DATE: 20-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0977.1920002/JAG
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 238 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-926-789-12

Query Match 93.7%; Score 550; DB 2; Length 238;
Best Local Similarity 92.9%; Pred. No. 1.3e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVMTQTPLSLPVSLGQASISCRSSQSLVHSGNTYLRWYLOKPGQSPKLLIYKVSNR 60
Db 1 DVVMTQTPLSLPVSLGQASISCRSSQSLVHSGNTYLRWYLOKPGQSPKLLIYKVSNR 60

QY 61 SGVPRFSGSGGDTFTLKISRVEAEDLGVYFCSTHTVPTFGGKLEIQ 112
Db 61 SGVPRFSGSGGDTFTLKISRVEAEDLGVYFCSTHTVPTFGGKLEIK 112

RESULT 4
US-09-166-750-21
; Sequence 21, Application US/09166750
; Patent No. 6025165
; GENERAL INFORMATION:
; APPLICANT: Whitlow, Marc
; APPLICANT: Wood, James F.
; APPLICANT: Hardman, Karl
; APPLICANT: Bird, Robert
; APPLICANT: Filpula, David
; APPLICANT: Rollence, Michelle
; TITLE OF INVENTION: Methods for Producing Multivalent Antigen-Binding
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:

ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/09/166,750
APPLICATION NUMBER: US/09/166,750
FILING DATE: Herewith

CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/392,338
FILING DATE: 22-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/989,846
FILING DATE: 20-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/796,936

ATTORNEY/AGENT INFORMATION:

NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.003000C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 21:

SEQUENCE CHARACTERISTICS:

LENGTH: 238 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-166-750-21

Query Match 93.7%; Score 550; DB 3; Length 238;
Best Local Similarity 92.9%; Pred. No. 1.3e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQPLSLPVSLGQAQASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
DB 1 DVVVTQPLSLPVSLGQAQASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLLIYKVS NRF 60

QY 61 SGVPDRFSGSGGDTFTLKISRVEAEDLGVYFCSTHVPWTFGGGTGLEIQ 112
DB 61 SGVPDRFSGSGGDTFTLKISRVEAEDLGVYFCSTHVPWTFGGGTGLEIK 112

RESULT 5

US-09-166-093-21
Sequence 21, Application US/09166093
Patent No. 6027725

GENERAL INFORMATION:

APPLICANT: Whitlow, Marc
APPLICANT: Wood, James F.
APPLICANT: Hardman, Karl
APPLICANT: Bird, Robert
APPLICANT: Filpula, David
APPLICANT: Rollence, Michelle
TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/09/166,093
APPLICATION NUMBER: US/09/166,093
FILING DATE: Herewith

CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/392,338
FILING DATE: 22-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/989,846
FILING DATE: 20-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/796,936

ATTORNEY/AGENT INFORMATION:

NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.003000B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 21:

SEQUENCE CHARACTERISTICS:

LENGTH: 238 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-166-093-21

Query Match 93.7%; Score 550; DB 3; Length 238;
Best Local Similarity 92.9%; Pred. No. 1.3e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQPLSLPVSLGQAQASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
DB 1 DVVVTQPLSLPVSLGQAQASISCRSSQSLVHSGNTFLHWYLOKPGQSPKLLIYKVS NRF 60

QY 61 SGVPDRFSGSGGDTFTLKISRVEAEDLGVYFCSTHVPWTFGGGTGLEIQ 112
DB 61 SGVPDRFSGSGGDTFTLKISRVEAEDLGVYFCSTHVPWTFGGGTGLEIK 112

RESULT 6

US-09-172-019-21
Sequence 21, Application US/09172019
Patent No. 6103889

GENERAL INFORMATION:

APPLICANT: Whitlow, Marc
APPLICANT: Hardman, Karl
APPLICANT: Bird, Robert
APPLICANT: Filpula, David
TITLE OF INVENTION: Nucleic Acid Molecules Encoding Single-Chain
TITLE OF INVENTION: Antigen-Binding Proteins (As Amended)
NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/172,019
FILING DATE: Herewith

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/392,338
; FILING DATE: 22-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/989,846
; FILING DATE: 20-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/796,936
; FILING DATE: 25-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0977.003000D
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 238 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-172-019-21

Query Match 93.7%; Score 550; DB 3; Length 238;
Best Local Similarity 92.9%; Pred. No. 1.3e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQTPLSLPVSLGQAQASISCRSSQSLVHSNGNTFLHWYLOKPGSPKLLIYTVSNRF 60
DB 1 DVVMTQTPLSLPVSLGQAQASISCRSSQSLVHSNGNTYLRWYLOKPGSPKVLIIYKVS NRF 60

QY 61 SGVPDRFSGSGGDTFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIQ 112
DB 61 SGVPDRFSGSGGDTFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIK 112

RESULT 7
US-09-166-094-21
; Sequence 21, Application US/09166094
; Patent No. 6121424
; GENERAL INFORMATION:
; APPLICANT: Whitlow, Marc
; APPLICANT: Wood, James F.
; APPLICANT: Hardman, Karl
; APPLICANT: Bird, Robert
; APPLICANT: Filpula, David
; APPLICANT: Rollence, Michelle
; TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, NW
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/166,094
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/392,338
; FILING DATE: 22-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/989,846
; FILING DATE: 20-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/989,846
; FILING DATE: 20-NOV-1992
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/796,936
; FILING DATE: 25-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0977.003000A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 238 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-166-094-21

Query Match 93.7%; Score 550; DB 3; Length 238;
Best Local Similarity 92.9%; Pred. No. 1.3e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQTPLSLPVSLGQAQASISCRSSQSLVHSNGNTFLHWYLOKPGSPKLLIYTVSNRF 60
DB 1 DVVMTQTPLSLPVSLGQAQASISCRSSQSLVHSNGNTYLRWYLOKPGSPKVLIIYKVS NRF 60

QY 61 SGVPDRFSGSGGDTFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIQ 112
DB 61 SGVPDRFSGSGGDTFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIK 112

RESULT 8
US-09-443-213-21
; Sequence 21, Application US/09443213
; Patent No. 6515110
; GENERAL INFORMATION:
; APPLICANT: Whitlow, Marc
; APPLICANT: Wood, James F.
; APPLICANT: Hardman, Karl
; APPLICANT: Bird, Robert
; APPLICANT: Filpula, David
; APPLICANT: Rollence, Michelle
; TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, NW
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/443,213
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 09/166,094
; FILING DATE: 05-OCT-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/392,338
; FILING DATE: 22-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/989,846
; FILING DATE: 20-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/796,936
; FILING DATE: 25-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.

REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.003000E
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 238 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-443-213-21

Query Match 93.7%; Score 550; DB 4; Length 238;
Best Local Similarity 92.9%; Pred. No. 1.4e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

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Db 1 DVVVTQPLSLPVSIGQAQASISCRSSQSLVHSGNFTLHWYLOKPGQSPKLLIYTVSNRF 60

QY 1 DVVVTQPLSLPVSIGQAQASISCRSSQSLVHSGNFTLHWYLOKPGQSPKLLIYTVSNRF 60
Db 1 DVVVTQPLSLPVSIGQAQASISCRSSQSLVHSGNFTLHWYLOKPGQSPKLLIYTVSNRF 60

QY 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIQ 112
Db 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIK 112

RESULT 9
PCT-US93-11138-12
Sequence 12 Application PC/TUS9311138
GENERAL INFORMATION:
APPLICANT: Enzon, Inc.
TITLE OF INVENTION: Linker For Linked Fusion Polypeptides
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005-3934
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/11138
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/980,529
FILING DATE: 20-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/002,845
FILING DATE: 15-JAN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.2006604/JAG
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 239 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US93-11138-12

Query Match 93.7%; Score 550; DB 5; Length 239;
Best Local Similarity 92.9%; Pred. No. 1.4e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQPLSLPVSIGQAQASISCRSSQSLVHSGNFTLHWYLOKPGQSPKLLIYTVSNRF 60
Db 1 DVVVTQPLSLPVSIGQAQASISCRSSQSLVHSGNFTLHWYLOKPGQSPKLLIYTVSNRF 60

QY 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIQ 112
Db 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIK 112

RESULT 10
US-08-392-338A-11
Sequence 11 Application US/08392338A
Patent No. 5869620
GENERAL INFORMATION:
APPLICANT: Whitlow, Marc
APPLICANT: Wood, James F.
APPLICANT: Hardman, Karl
APPLICANT: Bird, Robert
APPLICANT: Filpula, David
TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/392,338A
FILING DATE: 22-FEB-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/989,846
FILING DATE: 20-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/796,936
FILING DATE: 25-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.0030007
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-392-338A-11

Query Match 93.7%; Score 550; DB 2; Length 240;
Best Local Similarity 92.9%; Pred. No. 1.4e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQPLSLPVSIGQAQASISCRSSQSLVHSGNFTLHWYLOKPGQSPKLLIYTVSNRF 60
Db 1 DVVVTQPLSLPVSIGQAQASISCRSSQSLVHSGNFTLHWYLOKPGQSPKLLIYTVSNRF 60

QY 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIQ 112
Db 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIK 112

RESULT 11

US-09-166-750-11
; Sequence 11, Application US/09166750
; Patent No. 6025165

GENERAL INFORMATION:

; APPLICANT: Whitlow, Marc
; APPLICANT: Wood, James F.
; APPLICANT: Hardman, Karl
; APPLICANT: Bird, Robert
; APPLICANT: Filpula, David
; APPLICANT: Rollence, Michelle
; TITLE OF INVENTION: Methods for Producing Multivalent Antigen-Binding
; TITLE OF INVENTION: Proteins
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, NW
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005

COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/166,750
; FILING DATE: Herewith

CLASSIFICATION:

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/392,338
; FILING DATE: 22-FEB-1995

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/989,846
; FILING DATE: 20-NOV-1992

PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/796,936
; FILING DATE: 25-NOV-1991

ATTORNEY/AGENT INFORMATION:

; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0977.003000C

TELECOMMUNICATION INFORMATION:

; TELEPHONE: (202) 371-2600

; TELEFAX: (202) 371-2540

INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:

; LENGTH: 240 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

US-09-166-750-11

Query Match 93.7%; Score 550; DB 3; Length 240;

Best Local Similarity 92.9%; Pred. No. 1.4e-48;

Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Qy 1 DVVVTQPLSLPVSLGQAQASISCRSSQSLVHSNGNTFLHWYLOKPGSPKLLIYTVSNRF 60

Db 1 DVVMTQPLSLPVSLGDAQASISCRSSQSLVHSNGNTYLRWYLOKPGSPKLLIYKVS NRP 60

Qy 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCQSQTTHVPWTFGGGKLEIQ 112

Db 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCQSQTTHVPWTFGGGKLEIK 112

RESULT 12

US-09-166-093-11

; Sequence 11, Application US/09166093

; Patent No. 6027725

GENERAL INFORMATION:

; APPLICANT: Whitlow, Marc

; APPLICANT: Wood, James F.

; APPLICANT: Hardman, Karl
; APPLICANT: Bird, Robert
; APPLICANT: Filpula, David
; APPLICANT: Rollence, Michelle
; TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, NW
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005

COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/166,093

; FILING DATE: Herewith

CLASSIFICATION:

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/392,338
; FILING DATE: 22-FEB-1995

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/989,846

; FILING DATE: 20-NOV-1992

PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/796,936

; FILING DATE: 25-NOV-1991

ATTORNEY/AGENT INFORMATION:

; NAME: Goldstein, Jorge A.

; REGISTRATION NUMBER: 29,021

; REFERENCE/DOCKET NUMBER: 0977.003000B

TELECOMMUNICATION INFORMATION:

; TELEPHONE: (202) 371-2600

; TELEFAX: (202) 371-2540

INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:

; LENGTH: 240 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

US-09-166-093-11

Query Match 93.7%; Score 550; DB 3; Length 240;

Best Local Similarity 92.9%; Pred. No. 1.4e-48;

Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Qy 1 DVVVTQPLSLPVSLGQAQASISCRSSQSLVHSNGNTFLHWYLOKPGSPKLLIYTVSNRF 60

Db 1 DVVMTQPLSLPVSLGDAQASISCRSSQSLVHSNGNTYLRWYLOKPGSPKLLIYKVS NRP 60

Qy 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCQSQTTHVPWTFGGGKLEIQ 112

Db 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCQSQTTHVPWTFGGGKLEIK 112

RESULT 13

US-09-172-019-11

; Sequence 11, Application US/09172019

; Patent No. 6103889

GENERAL INFORMATION:

; APPLICANT: Whitlow, Marc

; APPLICANT: Hardman, Karl

; APPLICANT: Bird, Robert

; APPLICANT: Filpula, David

; TITLE OF INVENTION: Nucleic Acid Molecules Encoding Single-Chain

; TITLE OF INVENTION: Antigen-Binding Proteins (As Amended)

; NUMBER OF SEQUENCES: 23

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.

STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/172,019
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/392,338
FILING DATE: 22-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/989,846
FILING DATE: 20-NOV-1992
APPLICATION NUMBER: US 07/796,936
FILING DATE: 25-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.003000D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-172-019-11
Query Match 93.7%; Score 550; DB 3; Length 240;
Best Local Similarity 92.9%; Pred. No. 1.4e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;
QY 1 DVVVTQPLSLPVSIGAQASISCRSSQSLVHNSNGNTFLHWYLPKQPGSKLLIYTVSNRF 60
Db 1 DVVMTQPLSLPVSIGDQASISCRSSQSLVHNSNGNTYLRWYLPKQPGSKVLIYKVSNRF 60
QY 61 SGVPDRFSGSGGTDFTLKISRVEADLGVYFCSTHVPWTFGGTKLEIQ 112
Db 61 SGVPDRFSGSGGTDFTLKISRVEADLGVYFCSTHVPWTFGGTKLEIK 112
RESULT 14
US-09-166-094-11
Sequence 11, Application US/09166094
Patent No. 6121424
GENERAL INFORMATION:
APPLICANT: Whitlow, Marc
APPLICANT: Wood, James F.
APPLICANT: Hardman, Karl
APPLICANT: Bird, Robert
APPLICANT: Filpula, David
APPLICANT: Rollence, Michelle
TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/166,094
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/392,338
FILING DATE: 22-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/989,846
FILING DATE: 20-NOV-1992
APPLICATION NUMBER: US 07/796,936
FILING DATE: 25-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.003000A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-166-094-11
Query Match 93.7%; Score 550; DB 3; Length 240;
Best Local Similarity 92.9%; Pred. No. 1.4e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;
QY 1 DVVVTQPLSLPVSIGAQASISCRSSQSLVHNSNGNTFLHWYLPKQPGSKLLIYTVSNRF 60
Db 1 DVVMTQPLSLPVSIGDQASISCRSSQSLVHNSNGNTYLRWYLPKQPGSKVLIYKVSNRF 60
QY 61 SGVPDRFSGSGGTDFTLKISRVEADLGVYFCSTHVPWTFGGTKLEIQ 112
Db 61 SGVPDRFSGSGGTDFTLKISRVEADLGVYFCSTHVPWTFGGTKLEIK 112
RESULT 15
US-09-443-213-11
Sequence 11, Application US/09443213
Patent No. 6515110
GENERAL INFORMATION:
APPLICANT: Whitlow, Marc
APPLICANT: Wood, James F.
APPLICANT: Hardman, Karl
APPLICANT: Bird, Robert
APPLICANT: Filpula, David
APPLICANT: Rollence, Michelle
TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/443,213
FILING DATE: Herewith
CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/166,094
FILING DATE: 05-OCT-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/392,338
FILING DATE: 22-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/989,846
FILING DATE: 20-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/796,936
FILING DATE: 25-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.003000E
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-443-213-11

Query Match 93.7%; Score 550; DB 4; Length 240;
Best Local Similarity 92.9%; Pred.No.1.4e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;
Qy 1 DVVVTQTPLSLPVLGQAQASISCRSSQSLVHNSNGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
Db 1 DVVVTQTPLSLPVLGQAQASISCRSSQSLVHNSNGNTYLRWYLOKPGQSPKVLIIYKVSNR 60
Qy 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGKLEIQ 112
Db 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGKLEIK 112

Search completed: November 18, 2004, 05:25:37
Job time : 50.6377 secs


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; GENERAL INFORMATION:
; APPLICANT: Protein Design Labs
; TITLE OF INVENTION: ANTIBODIES AGAINST GPR64 AND USES THEREOF
; FILE REFERENCE: 05882.0177.NFUS01
; CURRENT APPLICATION NUMBER: US/10/741.657A
; CURRENT FILING DATE: 2003-12-19
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22
; LENGTH: 112
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-741-657A-22

Query Match          95.1%; Score 558; DB 17; Length 112;
Best Local Similarity 93.8%; Pred. No. 2.4e-46;
Matches 105; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1 DVVVTQTPSLPVSILGAQASISCRSSQSLVHSNGNTFLHWYLPKPGSPKLLIYTVSNRF 60
DB 1 DVVVTQTPSLPVSILGAQASISCRSSQSLVHSNGNTFLHWYLPKPGSPKLLIYTVSNRF 60
QY 61 SGVPRFRSGSGGTDFTLKISRVEAEDLGVYFCSTHTHPVWTFGGGKLEIQ 112
DB 61 SGVPRFRSGSGGTDFTLKISRVEAEDLGVYFCSTHTHPVWTFGGGKLEIK 112

RESULT 3
US-10-741-657A-14
; Sequence 14, Application US/10741657A
; Publication No. US20040197325A1
; GENERAL INFORMATION:
; APPLICANT: Protein Design Labs
; TITLE OF INVENTION: ANTIBODIES AGAINST GPR64 AND USES THEREOF
; FILE REFERENCE: 05882.0177.NFUS01
; CURRENT APPLICATION NUMBER: US/10/741.657A
; CURRENT FILING DATE: 2003-12-19
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14
; LENGTH: 112
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-741-657A-14

Query Match          94.7%; Score 556; DB 17; Length 112;
Best Local Similarity 93.8%; Pred. No. 3.7e-46;
Matches 105; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQTPSLPVSILGAQASISCRSSQSLVHSNGNTFLHWYLPKPGSPKLLIYTVSNRF 60
DB 1 DVVVTQTPSLPVSILGAQASISCRSSQSLVHSNGNTFLHWYLPKPGSPKLLIYTVSNRF 60
QY 61 SGVPRFRSGSGGTDFTLKISRVEAEDLGVYFCSTHTHPVWTFGGGKLEIQ 112
DB 61 SGVPRFRSGSGGTDFTLKISRVEAEDLGVYFCSTHTHPVWTFGGGKLEIK 112

RESULT 4
US-10-741-657A-20
; Sequence 20, Application US/10741657A
; Publication No. US20040197325A1
; GENERAL INFORMATION:
; APPLICANT: Protein Design Labs
; TITLE OF INVENTION: ANTIBODIES AGAINST GPR64 AND USES THEREOF
; FILE REFERENCE: 05882.0177.NFUS01
; CURRENT APPLICATION NUMBER: US/10/741.657A
; CURRENT FILING DATE: 2003-12-19
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20
; LENGTH: 112
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-741-657A-20

Query Match          94.7%; Score 556; DB 17; Length 112;
Best Local Similarity 93.8%; Pred. No. 3.7e-46;
Matches 105; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQTPSLPVSILGAQASISCRSSQSLVHSNGNTFLHWYLPKPGSPKLLIYTVSNRF 60
DB 1 DVVVTQTPSLPVSILGAQASISCRSSQSLVHSNGNTFLHWYLPKPGSPKLLIYTVSNRF 60
QY 61 SGVPRFRSGSGGTDFTLKISRVEAEDLGVYFCSTHTHPVWTFGGGKLEIQ 112
DB 61 SGVPRFRSGSGGTDFTLKISRVEAEDLGVYFCSTHTHPVWTFGGGKLEIK 112

RESULT 5
US-10-372-481-29
; Sequence 29, Application US/10372481
; Publication No. US20030202975A1
; GENERAL INFORMATION:
; APPLICANT: Tedder, Thomas F.
; TITLE OF INVENTION: REAGENTS AND TREATMENT METHODS FOR AUTOIMMUNE DISEASES
; FILE REFERENCE: 5405.306
; CURRENT APPLICATION NUMBER: US/10/372.481
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: PCT/US03/05549
; PRIOR FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: US 60/420,472
; PRIOR FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: US 60/359,419
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 29
; LENGTH: 139
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-372-481-29

Query Match          94.0%; Score 552; DB 14; Length 139;
Best Local Similarity 93.8%; Pred. No. 1.1e-45;
Matches 105; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1 DVVVTQTPSLPVSILGAQASISCRSSQSLVHSNGNTFLHWYLPKPGSPKLLIYTVSNRF 60
DB 20 DVVVTQTPSLPVSILGAQASISCRSSQSLVHSNGNTFLHWYLPKPGSPKLLIYTVSNRF 79
QY 61 SGVPRFRSGSGGTDFTLKISRVEAEDLGVYFCSTHTHPVWTFGGGKLEIQ 112
DB 80 SGVPRFRSGSGGTDFTLKISRVEAEDLGVYFCSTHTHPVWTFGGGKLEIK 131

RESULT 6
US-10-371-797-29
; Sequence 29, Application US/10371797
; Publication No. US20040001828A1
; GENERAL INFORMATION:
; APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
; APPLICANT: TUSCANO, Joseph
; APPLICANT: TEDDER, Thomas
; TITLE OF INVENTION: TREATMENT METHODS USING ANTI-CD22
; TITLE OF INVENTION: ANTIBODIES
; FILE REFERENCE: 39754-0951
; CURRENT APPLICATION NUMBER: US/10/371.797
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: US 60/420,472
; PRIOR FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: US 60/359,419
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29
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; LENGTH: 139
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-371-797-29

Query Match          94.0%; Score 552; DB 15; Length 139;
Best Local Similarity 93.8%; Pred. No. 1.1e-45;
Matches 105; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1 DVVVTQTPLSLPVSLGQAQASISCRSSQSLVHSGNNTFLHWYLOKPGSPKLLIYTVSNRF 60
DB 20 DVVMTQTPLSLPVSLGQAQASISCRSSQSLVHSGNNTFLHWYLOKPGSPKLLIYKVS NRF 79
QY 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGTGLEIQ 112
DB 80 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPYTFGGGTGLEIK 131

RESULT 7
US-10-239-656-47
; Sequence 47, Application US/10239656
; Publication No. US20040038339A1
; GENERAL INFORMATION:
; APPLICANT: KUFRER, PETER
; APPLICANT: RIETHMULLER, GERT
; APPLICANT: LUTTERBUSE, RALF
; APPLICANT: BORSCHERT, KATRIN
; APPLICANT: KISCHEL, ROMAN
; APPLICANT: MAYER, MONIKA
; APPLICANT: HOFMEISTER, ROBERT
; TITLE OF INVENTION: MULTIFUNCTIONAL POLYPEPTIDES COMPRISING A BINDING SITE
; FILE OF INVENTION: TO AN EPIOTOPE OF THE NKG2D RECEPTOR COMPLEX
; FILE REFERENCE: 029976/0106
; CURRENT FILING DATE: 2003-03-06
; PRIOR APPLICATION NUMBER: PCT/EP01/03414
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: EP 00106467.4
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 47
; LENGTH: 507
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic 11B2D10x4-
; OTHER INFORMATION: 7 bispecific single chain Fv
US-10-239-656-47

Query Match          92.8%; Score 545; DB 15; Length 507;
Best Local Similarity 92.0%; Pred. No. 2.2e-44;
Matches 103; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 1 DVVVTQTPLSLPVSLGQAQASISCRSSQSLVHSGNNTFLHWYLOKPGSPKLLIYTVSNRF 60
DB 384 ELVMTQTPLSLPVSLGQAQASISCRSSQSLVHSGNNTFLHWYLOKPGSPKLLIYKVS NRF 443
QY 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGTGLEIQ 112
DB 444 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPYTFGGGTGLEIK 495

RESULT 8
US-10-239-656-48
; Sequence 48, Application US/10239656
; Publication No. US20040038339A1
; GENERAL INFORMATION:
; APPLICANT: KUFRER, PETER
; APPLICANT: RIETHMULLER, GERT
; APPLICANT: LUTTERBUSE, RALF
; APPLICANT: BORSCHERT, KATRIN
; APPLICANT: KISCHEL, ROMAN
; TITLE OF INVENTION: MULTIFUNCTIONAL POLYPEPTIDES COMPRISING A BINDING SITE
; FILE OF INVENTION: TO AN EPIOTOPE OF THE NKG2D RECEPTOR COMPLEX
; FILE REFERENCE: 029976/0106
; CURRENT FILING DATE: 2003-03-06
; PRIOR APPLICATION NUMBER: PCT/EP01/03414
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: EP 00106467.4
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 47
; LENGTH: 507
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic 11B2D10x4-
; OTHER INFORMATION: 7 bispecific single chain Fv
US-10-239-656-47

Query Match          92.8%; Score 545; DB 15; Length 507;
Best Local Similarity 92.0%; Pred. No. 2.2e-44;
Matches 103; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 1 DVVVTQTPLSLPVSLGQAQASISCRSSQSLVHSGNNTFLHWYLOKPGSPKLLIYTVSNRF 60
DB 384 ELVMTQTPLSLPVSLGQAQASISCRSSQSLVHSGNNTFLHWYLOKPGSPKLLIYKVS NRF 443
QY 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGTGLEIQ 112
DB 444 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPYTFGGGTGLEIK 495

RESULT 9
US-10-239-656-49
; Sequence 49, Application US/10239656
; Publication No. US20040038339A1
; GENERAL INFORMATION:
; APPLICANT: KUFRER, PETER
; APPLICANT: RIETHMULLER, GERT
; APPLICANT: LUTTERBUSE, RALF
; APPLICANT: BORSCHERT, KATRIN
; APPLICANT: KISCHEL, ROMAN
; APPLICANT: MAYER, MONIKA
; APPLICANT: HOFMEISTER, ROBERT
; TITLE OF INVENTION: MULTIFUNCTIONAL POLYPEPTIDES COMPRISING A BINDING SITE
; FILE OF INVENTION: TO AN EPIOTOPE OF THE NKG2D RECEPTOR COMPLEX
; FILE REFERENCE: 029976/0106
; CURRENT FILING DATE: 2003-03-06
; PRIOR APPLICATION NUMBER: PCT/EP01/03414
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: EP 00106467.4
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 49
; LENGTH: 510
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic 6E5A7x4-
; OTHER INFORMATION: 7 bispecific single chain Fv
US-10-239-656-49

Query Match          92.8%; Score 545; DB 15; Length 510;
Best Local Similarity 92.0%; Pred. No. 2.2e-44;
Matches 103; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 1 DVVVTQTPLSLPVSLGQAQASISCRSSQSLVHSGNNTFLHWYLOKPGSPKLLIYTVSNRF 60
DB 447 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPYTFGGGTGLEIK 498
```

Db 387 ELVMTQTPLSLPVLGDAQASISCRSSQSLVHSGNTYHLHWYLOKPGSPKLLIYKVSNR 446

QY 61 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIQ 112
 Db 447 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIK 498

RESULT 10

US-10-762-629-18
 ; Sequence 18, Application US/10762629
 ; Publication No. US20040141964A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Abdel-Meguid, Sherin
 ; APPLICANT: Ho, Yen Sen
 ; APPLICANT: Holmes, Stephen D.
 ; APPLICANT: Taylor, Alexander H.
 ; TITLE OF INVENTION: Recombinant IL-18 Antagonists Useful in
 ; TITLE OF INVENTION: Treatment of IL-18 Mediated Disorders
 ; FILE REFERENCE: P50897
 ; CURRENT APPLICATION NUMBER: US/10/762,629
 ; CURRENT FILING DATE: 2004-01-22
 ; PRIOR APPLICATION NUMBER: US/09/914,695
 ; PRIOR FILING DATE: 2001-08-31
 ; PRIOR APPLICATION NUMBER: PCT/US00/07349
 ; PRIOR FILING DATE: 2000-03-17
 ; PRIOR APPLICATION NUMBER: 60/125,299
 ; PRIOR FILING DATE: 1999-03-19
 ; NUMBER OF SEQ ID NOS: 48
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 18
 ; LENGTH: 114
 ; TYPE: PRT
 ; ORGANISM: Mus musculus
 US-10-762-629-18

Query Match 92.2%; Score 541.5; DB 16; Length 114;
 Best Local Similarity 92.9%; Pred. No. 9.5e-45;
 Matches 105; Conservative 5; Mismatches 2; Indels 1; Gaps 1;

QY 1 DVVMTQTPLSLPVLGDAQASISCRSSQSLVHSGNTYHLHWYLOKPGSPKLLIYKVSNR 60
 Db 1 DVVMTQTPLSLPVLGDAQASISCRSSQSLVHSGNTYHLHWYLOKPGSPKLLIYKVSNR 60

QY 61 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIQ 112
 Db 61 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIK 113

RESULT 11

US-09-518-737-4
 ; Sequence 4, Application US/09518737
 ; Publication No. US20030008321A1
 ; GENERAL INFORMATION:
 ; APPLICANT: FUKUI, YASUHIISA
 ; APPLICANT: NAGATA, SATOSHI
 ; APPLICANT: SHIRAI, RYUICHI
 ; APPLICANT: SAITO, NAOAKI
 ; TITLE OF INVENTION: MONOCLONAL ANTIBODY RECOGNIZING
 ; TITLE OF INVENTION: PHOSPHATIDYLINOSITOL-3,4-DIPHOSPHATE
 ; FILE REFERENCE: 1965/49618
 ; CURRENT APPLICATION NUMBER: US/09/518,737
 ; CURRENT FILING DATE: 2000-03-03
 ; PRIOR APPLICATION NUMBER: JP 1999-250209
 ; PRIOR FILING DATE: 1999-09-03
 ; NUMBER OF SEQ ID NOS: 10
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 4
 ; LENGTH: 112
 ; TYPE: PRT
 ; ORGANISM: Mus musculus
 US-09-518-737-4

Query Match 92.2%; Score 541; DB 10; Length 112;

Best Local Similarity 92.0%; Pred. No. 1e-44;
 Matches 103; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVMTQTPLSLPVLGDAQASISCRSSQSLVHSGNTYHLHWYLOKPGSPKLLIYKVSNR 60
 Db 1 DVVMTQTPLSLPVLGDAQASISCRSSQSLVHSGNTYHLHWYLOKPGSPKLLIYKVSNR 60

QY 61 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIQ 112
 Db 61 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIK 112

RESULT 12

US-09-887-853-4
 ; Sequence 4, Application US/09887853
 ; Patent No. US20020188375A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Huston, James S.
 ; APPLICANT: Oppermann, Hermann
 ; APPLICANT: Oppermann, L. L.
 ; APPLICANT: Ring, David B.
 ; TITLE OF INVENTION: Biosynthetic Binding Proteins For
 ; TITLE OF INVENTION: Imaging
 ; NUMBER OF SEQUENCES: 11
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department
 ; STREET: Exchange Place, 53 State Street
 ; CITY: Boston
 ; STATE: Massachusetts
 ; COUNTRY: USA
 ; ZIP: 02109
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/887,853
 ; FILING DATE: 21-Jun-2001
 ; CLASSIFICATION: <Unknown>
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/133,804
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Kelley, Robin D.
 ; REGISTRATION NUMBER: 34,637
 ; REFERENCE/DOCKET NUMBER: 2054/22
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 617-248-7477
 ; TELEFAX: 617-248-7100
 ; INFORMATION FOR SEQ ID NO: 4:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 252 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 4:

US-09-887-853-4

Query Match 91.0%; Score 534; DB 9; Length 252;
 Best Local Similarity 92.0%; Pred. No. 1.2e-43;
 Matches 103; Conservative 5; Mismatches 4; Indels 0; Gaps 0;

QY 1 DVVMTQTPLSLPVLGDAQASISCRSSQSLVHSGNTYHLHWYLOKPGSPKLLIYKVSNR 60
 Db 134 DVVMTQTPLSLPVLGDAQASISCRSSQSLVHSGNTYHLHWYLOKPGSPKLLIYKVSNR 193

QY 61 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIQ 112
 Db 194 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIK 245

RESULT 13

```
US-10-706-852-4
; Sequence 4, Application US/10706852
; Publication No. US20040219203A1
; GENERAL INFORMATION:
; APPLICANT: GRIFFITHS, GARY L.
; APPLICANT: HANSEN, HANS J.
; APPLICANT: GOLDENBERG, DAVID M.
; APPLICANT: LUNDBERG, BO B.
; TITLE OF INVENTION: ANTI-CD74 IMMUNOCONJUGATES AND METHODS
; FILE REFERENCE: 40923-0079US5
; CURRENT APPLICATION NUMBER: US/10706,852
; CURRENT FILING DATE: 2003-11-12
; PRIOR APPLICATION NUMBER: 10/314,330
; PRIOR FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: 09/965,796
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 09/307,816
; PRIOR FILING DATE: 1999-05-10
; PRIOR APPLICATION NUMBER: 10/350,096
; PRIOR FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: 09/590,284
; PRIOR FILING DATE: 2000-06-09
; PRIOR APPLICATION NUMBER: 10/377,122
; PRIOR FILING DATE: 2003-03-03
; PRIOR APPLICATION NUMBER: 60/360,259
; PRIOR FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: 60/478,830
; PRIOR FILING DATE: 2003-06-17
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 4
; LENGTH: 111
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-706-852-4

Query Match          90.8%; Score 533; DB 17; Length 111;
Best Local Similarity 91.9%; Pred. No. 6.2e-44;
Matches 102; Conservative 5; Mismatches 4; Indels 0; Gaps 0;

QY 1 DVVVTQTPLSLPVSLSGAQASISCRSSQSLVHSNGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 1 DVVVTQTPLSLPVSLSGAQASISCRSSQSLVHSNGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

QY 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGIVYFCSTQTHVPWTFGGGTKLEIQ 112
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGIVYFCSTQTHVPWTFGGGTKLEIQ 112
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

RESULT 14
US-09-995-529-10
; Sequence 10, Application US/09995529
; Publication No. US20030099655A1
; GENERAL INFORMATION:
; APPLICANT: Watkins, Jeffrey D.
; APPLICANT: Huse, William D.
; APPLICANT: Tang, Ying
; TITLE OF INVENTION: Humanized Collagen Antibodies and
; FILE REFERENCE: P-IX 4976
; CURRENT APPLICATION NUMBER: US/09/995,529
; CURRENT FILING DATE: 2001-11-26
; NUMBER OF SEQ ID NOS: 358
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 112
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-995-529-10

Query Match          90.6%; Score 532; DB 11; Length 112;
Best Local Similarity 89.3%; Pred. No. 7.8e-44;
Matches 100; Conservative 7; Mismatches 5; Indels 0; Gaps 0;

QY 1 DVVVTQTPLSLPVSLSGAQASISCRSSQSLVHSNGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 1 DVVVTQTPLSLPVSLSGAQASISCRSSQSLVHSNGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

QY 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGIVYFCSTQTHVPWTFGGGTKLEIQ 112
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGIVYFCSTQTHVPWTFGGGTKLEIQ 112
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

Search completed: November 18, 2004, 06:01:23
Job time : 178.522 secs
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OM protein - protein search, using sw model

Run on: November 18, 2004, 05:16:17 ; Search time 6.37681 Seconds
(without alignments)
166.398 Million cell updates/sec

Title: US-09-328-296-3

Perfect score: 83

Sequence: 1 RSSQSLVHNGNTFLH 16

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- Issued Patents AA:*
- 1: /cgn2_6/ptodata/1/iaa/5A COMB pep.*
 - 2: /cgn2_6/ptodata/1/iaa/5B COMB pep.*
 - 3: /cgn2_6/ptodata/1/iaa/6A COMB pep.*
 - 4: /cgn2_6/ptodata/1/iaa/6B COMB pep.*
 - 5: /cgn2_6/ptodata/1/iaa/PCTUS COMB pep.*
 - 6: /cgn2_6/ptodata/1/iaa/backfiles1 pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	80	96.4	16	1	US-08-244-626-4
2	80	96.4	16	4	US-09-914-695-20
3	80	96.4	16	4	US-09-518-737-8
4	80	96.4	100	4	US-09-840-459-27
5	80	96.4	100	4	US-09-497-625A-27
6	80	96.4	110	1	US-08-244-626-2
7	80	96.4	112	4	US-09-518-737-4
8	80	96.4	114	4	US-09-914-695-18
9	80	96.4	218	5	PCT-US94-14106-61
10	78	94.0	112	2	US-08-888-366-18
11	77	92.8	104	3	US-08-881-037-37
12	77	92.8	638	3	US-09-070-637-20
13	75	90.4	24	5	PCT-US91-02942-20
14	75	90.4	24	5	PCT-US91-02942-36
15	75	90.4	50	5	PCT-US91-02942-6
16	75	90.4	50	5	PCT-US91-02942-7
17	75	90.4	116	2	US-08-482-882-66
18	75	90.4	116	2	US-08-483-389-66
19	75	90.4	116	2	US-08-487-113D-66
20	75	90.4	116	2	US-08-473-503-66
21	75	90.4	116	2	US-08-483-932-66
22	75	90.4	116	2	US-08-720-420A-66
23	75	90.4	116	3	US-08-714-017-66
24	75	90.4	116	3	US-08-475-680-66
25	75	90.4	127	1	US-08-482-882-45
26	75	90.4	127	2	US-08-483-389-45
27	75	90.4	127	2	US-08-487-113D-45

28	75	90.4	127	2	US-08-473-503-45	Sequence 45, Appl
29	75	90.4	127	2	US-08-483-932-45	Sequence 45, Appl
30	75	90.4	127	2	US-08-720-420A-45	Sequence 45, Appl
31	75	90.4	127	3	US-08-714-017-45	Sequence 45, Appl
32	75	90.4	127	3	US-08-475-680-45	Sequence 45, Appl
33	75	90.4	173	5	PCT-US91-02942-3	Sequence 3, Appl
34	75	90.4	173	5	PCT-US91-02946-3	Sequence 3, Appl
35	74	89.2	100	4	US-09-840-459-25	Sequence 25, Appl
36	74	89.2	100	4	US-09-497-625A-25	Sequence 25, Appl
37	73	88.0	112	1	US-08-478-039-88	Sequence 88, Appl
38	73	88.0	112	1	US-08-476-349A-88	Sequence 88, Appl
39	73	88.0	112	2	US-08-606-293-4	Sequence 4, Appl
40	73	88.0	112	2	US-08-606-293-8	Sequence 8, Appl
41	73	88.0	246	1	US-08-257-341-7	Sequence 7, Appl
42	73	88.0	252	1	US-08-133-804-4	Sequence 4, Appl
43	73	88.0	252	1	US-08-461-838-4	Sequence 4, Appl
44	73	88.0	252	2	US-08-461-386-4	Sequence 4, Appl
45	73	88.0	260	2	US-08-447-402-1	Sequence 1, Appl

ALIGNMENTS

RESULT 1

US-08-244-626-4
; Sequence 4, Application US/08244626
; Patent No. 5502167
; GENERAL INFORMATION:
; APPLICANT: Waldmann, Herman
; APPLICANT: Walsh, Louise
; APPLICANT: Crowe, James Scott
; APPLICANT: Lewis, Alan Peter
; TITLE OF INVENTION: CDR GRAFTED HUMANISED CHIMERIC T-CELL
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rothwell, Figg, Ernst & Kurz, p.c.
; STREET: 555 Thirteenth Street, N. W.
; CITY: Washington
; STATE: D. C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/244,626
; FILING DATE: July 15, 1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/SB92/02251
; FILING DATE: December 4, 1992
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Ernst, Barbara G.
; REGISTRATION NUMBER: 30,377
; REFERENCE/DOCKET NUMBER: 1808-153A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 783-6040
; TELEFAX: (202) 783-6031
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-244-626-4

Query Match 96.4%; Score 80; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 3e-06;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RSSQSLVHSNGNTFLH 16
|||||
Db 1 RSSQSLVHSNGNTYLH 16

RESULT 2
US-09-914-695-20
; Sequence 20, Application US/09914695
; Patent No. 6706487
; GENERAL INFORMATION:
; APPLICANT: Abdel-Meguid, Sherin
; APPLICANT: Ho, Yen Sen
; APPLICANT: Holmes, Stephen D.
; APPLICANT: Taylor, Alexander H.
; TITLE OF INVENTION: Recombinant IL-18 Antagonists Useful in
; TITLE OF INVENTION: Treatment of IL-18 Mediated Disorders
; FILE REFERENCE: P50897
; CURRENT APPLICATION NUMBER: US/09/914,695
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: PCT/US00/07349
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 60/125,299
; PRIOR FILING DATE: 1999-03-19
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-914-695-20

Query Match 96.4%; Score 80; DB 4; Length 16;
Best Local Similarity 93.8%; Pred. No. 3e-06;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RSSQSLVHSNGNTFLH 16
|||||
Db 1 RSSQSLVHSNGNTYLH 16

RESULT 3
US-09-518-737-8
; Sequence 8, Application US/09518737
; Patent No. 6709833
; GENERAL INFORMATION:
; APPLICANT: FUKUI, YASUHIKA
; APPLICANT: NAGATA, SATOSHI
; APPLICANT: SHIRAI, RYUICHI
; APPLICANT: SAITO, NAOKI
; TITLE OF INVENTION: MONOCLONAL ANTIBODY RECOGNIZING
; TITLE OF INVENTION: PHOSPHATIDYLINOSITOL-3,4-DIPHOSPHATE
; FILE REFERENCE: 1965/49618
; CURRENT APPLICATION NUMBER: US/09/518,737
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: JP 1999-250209
; PRIOR FILING DATE: 1999-09-03
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-518-737-8

Query Match 96.4%; Score 80; DB 4; Length 16;
Best Local Similarity 93.8%; Pred. No. 3e-06;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RSSQSLVHSNGNTFLH 16
|||||
Db 1 RSSQSLVHSNGNTYLH 16

RESULT 4
US-09-840-459-27
; Sequence 27, Application US/09840459
; Patent No. 6696550
; GENERAL INFORMATION:
; APPLICANT: LaRosa, Gregory J.
; APPLICANT: Horvath, Christopher
; APPLICANT: Newman, Walter
; APPLICANT: Jones, S. Tarran H.
; APPLICANT: O'Brien, Theresa
; APPLICANT: O'Keefe, Theresa
; TITLE OF INVENTION: HUMANIZED ANTI-CCR2 ANTIBODIES AND
; TITLE OF INVENTION: METHODS OF USE THEREFOR
; FILE REFERENCE: 1855.1052-012
; CURRENT APPLICATION NUMBER: US/09/840,459
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: PCT/US01/03537
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 09/497,625
; PRIOR FILING DATE: 2000-02-03
; PRIOR APPLICATION NUMBER: 09/359,193
; PRIOR FILING DATE: 1999-07-22
; PRIOR APPLICATION NUMBER: 09/121,781
; PRIOR FILING DATE: 1998-07-23
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 100
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-840-459-27

Query Match 96.4%; Score 80; DB 4; Length 100;
Best Local Similarity 93.8%; Pred. No. 2.2e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RSSQSLVHSNGNTFLH 16
|||||
Db 24 RSSQSLVHSNGNTYLH 39

RESULT 5
US-09-497-625A-27
; Sequence 27, Application US/09497625A
; Patent No. 6727349
; GENERAL INFORMATION:
; APPLICANT: LaRosa, Gregory J.
; APPLICANT: Horvath, Christopher
; APPLICANT: Newman, Walter
; APPLICANT: Jones, S. Tarran H.
; APPLICANT: O'Brien, Theresa
; APPLICANT: O'Keefe, Theresa
; TITLE OF INVENTION: HUMANIZED ANTI-CCR2 ANTIBODIES AND
; TITLE OF INVENTION: METHODS OF USE THEREFOR
; FILE REFERENCE: 1855.1052-004
; CURRENT APPLICATION NUMBER: US/09/497,625A
; PRIOR FILING DATE: 2000-02-03
; PRIOR APPLICATION NUMBER: 09/359,193
; PRIOR FILING DATE: 1999-07-22
; PRIOR APPLICATION NUMBER: 09/121,781
; PRIOR FILING DATE: 1998-07-23
; NUMBER OF SEQ ID NOS: 106
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 100
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-497-625A-27

Query Match 96.4%; Score 80; DB 4; Length 100;
Best Local Similarity 93.8%; Pred. No. 2.2e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNNTFLH 16
Db 24 RSSQSLVHSGNNTYLH 39

RESULT 6
US-08-244-626-2
; Sequence 2, Application US/08244626
; Patent No. 5502167
; GENERAL INFORMATION:
; APPLICANT: Waldmann, Herman
; APPLICANT: Walsh, Louise
; APPLICANT: Crowe, James Scott
; APPLICANT: Lewis, Alan Peter
; TITLE OF INVENTION: CDR GRAFTED HUMANISED CHIMERIC T-CELL
; TITLE OF INVENTION: ANTIBODIES
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C.
; STREET: 555 Thirteenth Street, N. W.
; CITY: Washington
; STATE: D. C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/244,626
; FILING DATE: July 15, 1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB92/02251
; FILING DATE: December 4, 1992
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Ernst, Barbara G.
; REGISTRATION NUMBER: 30,377
; REFERENCE/DOCKET NUMBER: 1808-153A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 783-6040
; TELEFAX: (202) 783-6031
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 110 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-244-626-2

Query Match 96.4%; Score 80; DB 1; Length 110;
Best Local Similarity 93.8%; Pred. No. 2.4e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNNTFLH 16
Db 24 RSSQSLVHSGNNTYLH 39

RESULT 7
US-09-518-737-4
; Sequence 4, Application US/09518737
; Patent No. 6709833
; GENERAL INFORMATION:
; APPLICANT: FUKUI, YASUHIISA
; APPLICANT: NAGATA, SATOSHI
; APPLICANT: SHIRAI, RYUICHI
; APPLICANT: SAITO, NAOAKI
; TITLE OF INVENTION: MONOCLONAL ANTIBODY RECOGNIZING
; TITLE OF INVENTION: PHOSPHATIDYLINOSITOL-3,4-DIPHOSPHATE

Query Match 96.4%; Score 80; DB 1; Length 110;
Best Local Similarity 93.8%; Pred. No. 2.4e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

FILE REFERENCE: 1965/49618
CURRENT APPLICATION NUMBER: US/09/518,737
CURRENT FILING DATE: 2000-03-03
PRIOR APPLICATION NUMBER: JP 1999-250209
PRIOR FILING DATE: 1999-09-03
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 4
LENGTH: 112
TYPE: PRT
ORGANISM: Mus musculus
US-09-518-737-4

Query Match 96.4%; Score 80; DB 4; Length 112;
Best Local Similarity 93.8%; Pred. No. 2.4e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNNTFLH 16
Db 24 RSSQSLVHSGNNTYLH 39

RESULT 8
US-09-914-695-18
; Sequence 18, Application US/09914695
; Patent No. 6706487
; GENERAL INFORMATION:
; APPLICANT: Abdel-Meguid, Sherin
; APPLICANT: Ho, Yen Sen
; APPLICANT: Holmes, Stephen D. H.
; APPLICANT: Taylor, Alexander H.
; TITLE OF INVENTION: Recombinant IL-18 Antagonists Useful in
; TITLE OF INVENTION: Treatment of IL-18 Mediated Disorders
; FILE REFERENCE: P50897
; CURRENT APPLICATION NUMBER: US/09/914,695
; CURRENT FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: PCT/US00/07349
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 60/125,299
; PRIOR FILING DATE: 1999-03-19
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-914-695-18

Query Match 96.4%; Score 80; DB 4; Length 114;
Best Local Similarity 93.8%; Pred. No. 2.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNNTFLH 16
Db 24 RSSQSLVHSGNNTYLH 39

RESULT 9
PCT-US94-14106-61
; Sequence 61, Application PC/TUS9414106
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Process for Generating Specific Antibodies
; NUMBER OF SEQUENCES: 61
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII (text)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/14106
; FILING DATE:
; CLASSIFICATION:

INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US94-14106-61

Query Match 96.4%; Score 80; DB 5; Length 218;
Best Local Similarity 93.8%; Pred. No. 5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RSSQSLVHSGNTFLH 16
|||||:|||||:
Db 24 RSSQSLVHSGNTYLH 39

RESULT 10

US-08-888-366-18
Sequence 18, Application US/0888366
Patent No. 5972656

GENERAL INFORMATION:

APPLICANT: Lopez, Osvaldo
APPLICANT: Wylie, Dwane E.
APPLICANT: Wagner, Fred W.

TITLE OF INVENTION: Mercury Binding Polypeptides and Nucleotides Coding Therefore

NUMBER OF SEQUENCES: 39

CORRESPONDENCE ADDRESS:

ADDRESSEE: Merchant & Gould

STREET: 90 South 7th Street, 3100 No. 5972656west Ctr.

CITY: Minneapolis

STATE: MN

COUNTRY: USA

ZIP: 55402

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/888,366

FILING DATE: 03-JUL-1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/187,407

FILING DATE: 27-JAN-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/990,542

FILING DATE: 14-DEC-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/493,299

FILING DATE: 14-MAR-1990

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/324,392

FILING DATE: 14-MAR-1989

ATTORNEY/AGENT INFORMATION:

NAME: Carter, Charles G.

REGISTRATION NUMBER: 35,093

REFERENCE/DOCKET NUMBER: 8648.39USC1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 612-332-5300

TELEFAX: 612-332-9081

INFORMATION FOR SEQ ID NO: 18:

SEQUENCE CHARACTERISTICS:

LENGTH: 112 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-888-366-18

Query Match

Best Local Similarity 94.0%; Score 78; DB 2; Length 112;

Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RSSQSLVHSGNTFLH 16
|||||:|||||:
Db 24 RSSQSLVHSGNTYLH 39

RESULT 11

US-08-881-037-37

Sequence 37, Application US/08881037

Patent No. 6080588

GENERAL INFORMATION:

APPLICANT: Glick, Gary D.

APPLICANT: Swanson, Patrick C.

TITLE OF INVENTION: DNA BINDING ANTIBODIES

NUMBER OF SEQUENCES: 113

CORRESPONDENCE ADDRESS:

ADDRESSEE: Morrison & Foerster

STREET: 755 Page Mill Road

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304-1018

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/881,037

FILING DATE: 23-JUN-1997

CLASSIFICATION: 530

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/443,540

FILING DATE: 18-MAY-1995

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: Kanski, Antoinette F.

REGISTRATION NUMBER: 34,202

REFERENCE/DOCKET NUMBER: 203442110710

TELECOMMUNICATION INFORMATION:

TELEPHONE: (650) 813-5600

TELEFAX: (650) 494-0792

TELEX:

INFORMATION FOR SEQ ID NO: 37:

SEQUENCE CHARACTERISTICS:

LENGTH: 104 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-881-037-37

Query Match

Best Local Similarity 92.8%; Score 77; DB 3; Length 104;

Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RSSQSLVHSGNTFLH 16
|||||:|||||:
Db 16 RSSQSLVHSGNTYLH 31

RESULT 12

US-09-070-637-20

Sequence 20, Application US/09070637A

Patent No. 6132722

GENERAL INFORMATION:

APPLICANT: SIEMERS, NATHAN O.

APPLICANT: VARNOLD, SUSAN

APPLICANT: SENTER, PETER D.

TITLE OF INVENTION: RECOMBINANT ANTIBODY-ENZYME FUSION PROTEINS

FILE REFERENCE: 9197F-83-1

CURRENT APPLICATION NUMBER: US/09/070,637A

CURRENT FILING DATE: 1998-04-30

EARLIER APPLICATION NUMBER: 60/045,888

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; EARLIER FILING DATE: 1997-05-07
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 638
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Amino acid
; OTHER INFORMATION: sequence for L49-sfv-BL including Pe18 leader
US-09-070-637-20

Query Match          92.8%; Score 77; DB 3; Length 638;
Best Local Similarity 87.5%; Pred. No. 0.00047;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGTFLH 16
Db 183 RASQSLVHSGNGTYLH 198

RESULT 13
PCT-US91-02942-20
; Sequence 20, Application PC/TUS9102942
; GENERAL INFORMATION:
; APPLICANT: ROTHLEIN, ROBERT
; APPLICANT: ADAIR, JOHN R
; APPLICANT: ATHWAL, DILJEET S
; TITLE OF INVENTION: HUMANIZED CDR-GRAFTED ICAM-1 ANTIBODY
; NUMBER OF SEQUENCES: 102
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1225 Connecticut Ave. NW Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/02942
; FILING DATE: 19910429
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9009549.8
; FILING DATE: 27-APR-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: FOX, SAM L
; REGISTRATION NUMBER: 30,353
; REFERENCE/DOCKET NUMBER: 1011.0586600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 466-0800
; TELEFAX: (202) 833-8716
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
PCT-US91-02942-36

Query Match          90.4%; Score 75; DB 5; Length 24;
Best Local Similarity 87.5%; Pred. No. 2.8e-05;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGTFLH 16
Db 3 RSSQSLVHSGNGNYLH 18

RESULT 15
PCT-US91-02942-6
; Sequence 6, Application PC/TUS9102942
; GENERAL INFORMATION:
; APPLICANT: ROTHLEIN, ROBERT
; APPLICANT: ADAIR, JOHN R
; APPLICANT: ATHWAL, DILJEET S
; TITLE OF INVENTION: HUMANIZED CDR-GRAFTED ICAM-1 ANTIBODY
; NUMBER OF SEQUENCES: 102
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1225 Connecticut Ave. NW Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/02942
; FILING DATE: 19910429
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9009549.8
; FILING DATE: 27-APR-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: FOX, SAM L
; REGISTRATION NUMBER: 30,353
; REFERENCE/DOCKET NUMBER: 1011.0586600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 466-0800
; TELEFAX: (202) 833-8716
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
PCT-US91-02942-20

Query Match          90.4%; Score 75; DB 5; Length 24;
Best Local Similarity 87.5%; Pred. No. 2.8e-05;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGTFLH 16
Db 3 RSSQSLVHSGNGNYLH 18
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Thu Nov 18 06:37:16 2004

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/02942
; FILING DATE: 19910429
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9009549.8
; FILING DATE: 27-APR-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: FOX, SAM L
; REGISTRATION NUMBER: 30,353
; REFERENCE/DOCKET NUMBER: 1011.0586600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 466-0800
; TELEFAX: (202) 833-8716
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 50 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; PCT-US91-02942-6

Query Match      90.4%; Score 75; DB 5; Length 50;
Best Local Similarity 87.5%; Pred. No. 6.1e-05;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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Qy      1 RSSQSLVHSGNGNTFLH 16
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Db      24 RSSQSLVHSGNGNYLH 39

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Search completed: November 18, 2004, 05:25:37
Job time : 6.37681 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: November 18, 2004, 05:21:14 ; Search time 25.2174 Seconds
(without alignments)
224.688 Million cell updates/sec

Title: US-09-328-296-3

Perfect score: 83

Sequence: 1 RSSQSLVHNSNGNTFLH 16

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Gapop 10.0 , Gapext 0.5

Searched: 1570615 seqs, 354127592 residues

Total number of hits satisfying chosen parameters: 1570615

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

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Published Applications AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	80	96.4	16	16	Sequence 8, Appli
3	80	96.4	100	9	US-10-762-629-20
4	80	96.4	100	16	US-09-840-459-27
5	80	96.4	100	16	US-10-766-773-27
6	80	96.4	100	16	US-10-766-610-27
7	80	96.4	100	16	US-10-733-563-27
8	80	96.4	112	17	US-09-518-737-4
9	80	96.4	112	17	US-10-741-657A-20
10	80	96.4	112	17	US-10-741-657A-22
11	80	96.4	113	15	US-10-468-370-677
12	80	96.4	113	15	US-10-468-370-679
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14	80	96.4	113	15	US-10-468-370-683

14	80	96.4	113	16	US-10-468-496-2008
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16	80	96.4	113	16	US-10-468-496-2012
17	80	96.4	113	16	US-10-468-496-2014
18	80	96.4	113	17	US-10-789-090-10
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22	80	96.4	507	15	US-10-239-656-47
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39	75	90.4	113	17	US-10-706-852-12
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ALIGNMENTS

RESULT 1

US-09-518-737-8
; Sequence 8, Application US/09518737
; Publication No. US20030008321A1
; GENERAL INFORMATION:
; APPLICANT: FUKUI, YASUHIRO
; APPLICANT: NAGATA, SATOSHI
; APPLICANT: SHIRAI, RYUICHI
; APPLICANT: SAITO, NAOAKI
; TITLE OF INVENTION: MONOCLONAL ANTIBODY RECOGNIZING
; TITLE OF INVENTION: PHOSPHATIDYLINOSITOL-3,4-DIPHOSPHATE
; FILE REFERENCE: 1965/49618
; CURRENT APPLICATION NUMBER: US/09/518,737
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: JP 1999-250209
; PRIOR FILING DATE: 1999-09-03
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-518-737-8

Query Match 96.4%; Score 80; DB 10; Length 16;
Best Local Similarity 93.8%; Pred. No. 2.9e-06;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHNSNGNTFLH 16

DB 1 RSSQSLVHNSNGNTFLH 16

RESULT 2

US-10-762-629-20
; Sequence 20, Application US/10762629

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; Publication No. US20040141964A1
; GENERAL INFORMATION:
; APPLICANT: Abdel-Meguid, Sherin
; APPLICANT: Ho, Yen Sen
; APPLICANT: Holmes, Stephen D.
; APPLICANT: Taylor, Alexander H.
; TITLE OF INVENTION: Recombinant IL-18 Antagonists Useful in
; TITLE OF INVENTION: Treatment of IL-18 Mediated Disorders
; FILE REFERENCE: P50897
; CURRENT APPLICATION NUMBER: US/10/762,629
; CURRENT FILING DATE: 2004-01-22
; PRIOR APPLICATION NUMBER: US/09/914,695
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: PCT/US00/07349
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 60/125,299
; PRIOR FILING DATE: 1999-03-19
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-762-629-20

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Query Match          96.4%; Score 80; DB 16; Length 16;
Best Local Similarity 93.8%; Pred. No. 2.9e-06;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 RSSQSLVHSGNGTFLH 16
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Db      1 RSSQSLVHSGNGTYLH 16
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RESULT 3

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US-09-840-459-27
; Sequence 27, Application US/09840459
; Patent No. US20020150576A1
; GENERAL INFORMATION:
; APPLICANT: LaRosa, Gregory J.
; APPLICANT: Horvath, Christopher
; APPLICANT: Newman, Walter
; APPLICANT: Jones, S. Tarran
; APPLICANT: O'Brien, Siobhan H.
; APPLICANT: O'Keefe, Theresa
; TITLE OF INVENTION: HUMANIZED ANTI-CCR2 ANTIBODIES AND
; TITLE OF INVENTION: METHODS OF USE THEREFOR
; FILE REFERENCE: 1855.1052-012
; CURRENT APPLICATION NUMBER: US/09/840,459
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: PCT/US01/03537
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 09/497,625
; PRIOR FILING DATE: 2000-02-03
; PRIOR APPLICATION NUMBER: 09/359,193
; PRIOR FILING DATE: 1999-07-22
; PRIOR APPLICATION NUMBER: 09/121,781
; PRIOR FILING DATE: 1998-07-23
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 100
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-840-459-27

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Query Match          96.4%; Score 80; DB 9; Length 100;
Best Local Similarity 93.8%; Pred. No. 2.2e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 RSSQSLVHSGNGTFLH 16
        |||||
Db      24 RSSQSLVHSGNGTYLH 39
        |||||

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```

RESULT 4
US-10-766-773-27
; Sequence 27, Application US/10766773
; Publication No. US20040126851A1
; GENERAL INFORMATION:
; APPLICANT: LaRosa, Gregory J.
; APPLICANT: Horvath, Christopher
; APPLICANT: Newman, Walter
; APPLICANT: Jones, S. Tarran
; APPLICANT: O'Brien, Siobhan H.
; APPLICANT: O'Keefe, Theresa
; TITLE OF INVENTION: HUMANIZED ANTI-CCR2 ANTIBODIES AND
; TITLE OF INVENTION: METHODS OF USE THEREFOR
; FILE REFERENCE: 1855.1052-028
; CURRENT APPLICATION NUMBER: US/10/766,773
; CURRENT FILING DATE: 2004-01-27
; PRIOR APPLICATION NUMBER: 09/497,625
; PRIOR FILING DATE: 2000-02-03
; PRIOR APPLICATION NUMBER: 09/359,193
; PRIOR FILING DATE: 1999-07-22
; PRIOR APPLICATION NUMBER: 09/121,781
; PRIOR FILING DATE: 1998-07-23
; NUMBER OF SEQ ID NOS: 106
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 100
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-766-773-27

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```

Query Match          96.4%; Score 80; DB 16; Length 100;
Best Local Similarity 93.8%; Pred. No. 2.2e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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```

Qy      1 RSSQSLVHSGNGTFLH 16
        |||||
Db      24 RSSQSLVHSGNGTYLH 39
        |||||

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RESULT 5

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US-10-766-610-27
; Sequence 27, Application US/10766610
; Publication No. US20040132980A1
; GENERAL INFORMATION:
; APPLICANT: LaRosa, Gregory J.
; APPLICANT: Horvath, Christopher
; APPLICANT: Newman, Walter
; APPLICANT: Jones, S. Tarran
; APPLICANT: O'Brien, Siobhan H.
; APPLICANT: O'Keefe, Theresa
; TITLE OF INVENTION: HUMANIZED ANTI-CCR2 ANTIBODIES AND
; TITLE OF INVENTION: METHODS OF USE THEREFOR
; FILE REFERENCE: 1855.1052-029
; CURRENT APPLICATION NUMBER: US/10/766,610
; CURRENT FILING DATE: 2004-01-27
; PRIOR APPLICATION NUMBER: 09/840,459
; PRIOR FILING DATE: 2001-04-23
; PRIOR APPLICATION NUMBER: PCT/US01/03537
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 09/497,625
; PRIOR FILING DATE: 2000-02-03
; PRIOR APPLICATION NUMBER: 09/359,193
; PRIOR FILING DATE: 1999-07-22
; PRIOR APPLICATION NUMBER: 09/121,781
; PRIOR FILING DATE: 1998-07-23
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 100
; TYPE: PRT
; ORGANISM: Mus musculus

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US-10-766-610-27

Query Match 96.4%; Score 80; DB 16; Length 100;
Best Local Similarity 93.8%; Pred. No. 2.2e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGNTFLH 16
Db 24 RSSQSLVHSGNGNTYLH 39

RESULT 6

US-10-733-563-27
; Sequence 27, Application US/10733563
; Publication No. US20040151721A1
; GENERAL INFORMATION:
; APPLICANT: O'Keefe, Theresa
; TITLE OF INVENTION: HUMANIZED ANTI-CCR2 ANTIBODIES AND
; TITLE OF INVENTION: METHODS OF USE THEREOF
; FILE REFERENCE: 10448-213001
; CURRENT APPLICATION NUMBER: US/10/733,563
; CURRENT FILING DATE: 2003-12-10
; PRIOR APPLICATION NUMBER: US 10/272,899
; PRIOR FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: US 60/392,364
; PRIOR FILING DATE: 2002-06-26
; PRIOR APPLICATION NUMBER: US 60/350,166
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 27
; LENGTH: 100
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-733-563-27

Query Match 96.4%; Score 80; DB 16; Length 100;
Best Local Similarity 93.8%; Pred. No. 2.2e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGNTFLH 16
Db 24 RSSQSLVHSGNGNTYLH 39

RESULT 7

US-09-518-737-4
; Sequence 4, Application US/09518737
; Publication No. US2003008321A1
; GENERAL INFORMATION:
; APPLICANT: FUKUI, YASUHIISA
; APPLICANT: NAGATA, SATOSHI
; APPLICANT: SHIRAI, RYUICHI
; APPLICANT: SAITO, NAOAKI
; TITLE OF INVENTION: MONOCLONAL ANTIBODY RECOGNIZING
; FILE REFERENCE: 1965/49618
; CURRENT APPLICATION NUMBER: US/09/518,737
; CURRENT FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: JP 1999-250209
; PRIOR FILING DATE: 1999-09-03
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 112
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-518-737-4

Query Match 96.4%; Score 80; DB 10; Length 112;
Best Local Similarity 93.8%; Pred. No. 2.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGNTFLH 16
Db 24 RSSQSLVHSGNGNTYLH 39

RESULT 8

US-10-741-657A-20
; Sequence 20, Application US/10741657A
; Publication No. US20040197325A1
; GENERAL INFORMATION:
; APPLICANT: Protein Design Labs
; TITLE OF INVENTION: ANTIBODIES AGAINST GPR64 AND USES THEREOF
; FILE REFERENCE: 05882.0177.NEUS01
; CURRENT APPLICATION NUMBER: US/10/741.657A
; CURRENT FILING DATE: 2003-12-19
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20
; LENGTH: 112
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-741-657A-20

Query Match 96.4%; Score 80; DB 17; Length 112;
Best Local Similarity 93.8%; Pred. No. 2.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGNTFLH 16
Db 24 RSSQSLVHSGNGNTYLH 39

RESULT 9

US-10-741-657A-22
; Sequence 22, Application US/10741657A
; Publication No. US20040197325A1
; GENERAL INFORMATION:
; APPLICANT: Protein Design Labs
; TITLE OF INVENTION: ANTIBODIES AGAINST GPR64 AND USES THEREOF
; FILE REFERENCE: 05882.0177.NEUS01
; CURRENT APPLICATION NUMBER: US/10/741.657A
; CURRENT FILING DATE: 2003-12-19
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22
; LENGTH: 112
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-741-657A-22

Query Match 96.4%; Score 80; DB 17; Length 112;
Best Local Similarity 93.8%; Pred. No. 2.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGNTFLH 16
Db 24 RSSQSLVHSGNGNTYLH 39

RESULT 10

US-10-468-370-677
; Sequence 677, Application US/10468370
; Publication No. US20040082039A1
; GENERAL INFORMATION:
; APPLICANT: Gillies, Stephen
; APPLICANT: Carr, Francis J.
; APPLICANT: Jones, Tim
; APPLICANT: Carter, Graham
; APPLICANT: Hamilton, Anita
; APPLICANT: Williams, Stephen
; APPLICANT: Hanlon, Marian
; APPLICANT: Watkins, John


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; PRIOR APPLICATION NUMBER: PCT/EP02/01690
; PRIOR FILING DATE: 2002-02-18
; NUMBER OF SEQ ID NOS: 689
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 683
; LENGTH: 113
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: De-immunized MHC class II binding epitope
US-10-468-370-683

Query Match          96.4%; Score 80; DB 15; Length 113;
Best Local Similarity 93.8%; Pred. No. 2.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RSSQSLVHSGNGTFLH 16
   |||||
Db 24 RSSQSLVHSGNGTYLH 39

RESULT 14
US-10-468-496-2008
; Sequence 2008, Application US/10468496
; Publication No. US20040180386A1
; GENERAL INFORMATION:
; APPLICANT: Carr, Francis J.
; APPLICANT: Carter, Graham
; APPLICANT: Jones, Tim
; APPLICANT: Williams, Stephen
; APPLICANT: Hamilton, Anita
; TITLE OF INVENTION: METHOD FOR IDENTIFICATION OF T-CELL
; TITLE OF INVENTION: EPITOPES AND USE FOR PREPARING MOLECULES WITH REDUCED
; TITLE OF INVENTION: IMMUNOGENICITY
; FILE REFERENCE: MER-117
; CURRENT APPLICATION NUMBER: US/10/468,496
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 01103954.2
; PRIOR FILING DATE: 2001-02-19
; PRIOR APPLICATION NUMBER: 01105777.5
; PRIOR FILING DATE: 2001-03-15
; PRIOR APPLICATION NUMBER: 01106536.4
; PRIOR FILING DATE: 2001-03-15
; PRIOR APPLICATION NUMBER: 01107012.5
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 01106899.6
; NUMBER OF SEQ ID NOS: 2036
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2008
; LENGTH: 113
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: MHC class II binding epitope
US-10-468-496-2008

Query Match          96.4%; Score 80; DB 16; Length 113;
Best Local Similarity 93.8%; Pred. No. 2.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RSSQSLVHSGNGTFLH 16
   |||||
Db 24 RSSQSLVHSGNGTYLH 39

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Job time : 25.2174 secs
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: November 18, 2004, 05:16:17 ; Search time 2.78986 Seconds
(without alignments)
166.398 Million cell updates/sec

Title: US-09-328-296-4
Perfect score: 34
Sequence: 1 TVSNRFS 7

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*
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4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep.*
5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep.*
6: /cgn2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	29	85.3	7	1	US-08-244-626-6
2	29	85.3	7	1	US-08-053-171-28
3	29	85.3	7	2	US-08-560-558B-30
4	29	85.3	7	4	US-09-217-268B-30
5	29	85.3	7	4	US-09-563-222C-30
6	29	85.3	7	4	US-09-314-695-22
7	29	85.3	7	4	US-09-518-737-9
8	29	85.3	7	4	US-09-254-180C-5
9	29	85.3	23	5	PCT-US91-02942-23
10	29	85.3	23	5	PCT-US91-02942-39
11	29	85.3	31	3	US-08-525-539A-15
12	29	85.3	34	3	US-08-525-539A-17
13	29	85.3	50	5	PCT-US91-02942-8
14	29	85.3	50	5	PCT-US91-02942-9
15	29	85.3	65	2	US-08-273-146-51
16	29	85.3	100	4	US-09-840-459-25
17	29	85.3	100	4	US-09-840-459-27
18	29	85.3	100	4	US-09-840-459-28
19	29	85.3	100	4	US-09-840-459-29
20	29	85.3	100	4	US-09-497-625A-25
21	29	85.3	100	4	US-09-497-625A-27
22	29	85.3	100	4	US-09-497-625A-28
23	29	85.3	100	4	US-09-497-625A-29
24	29	85.3	104	3	US-08-881-037-37
25	29	85.3	110	1	US-08-244-626-2
26	29	85.3	110	3	US-09-025-769B-33
27	29	85.3	110	3	US-09-025-769B-53

28	29	85.3	110	4	US-09-490-070A-33	Sequence 33, Appl
29	29	85.3	110	4	US-09-490-070A-53	Sequence 53, Appl
30	29	85.3	110	4	US-09-490-153-33	Sequence 33, Appl
31	29	85.3	110	4	US-09-490-153-53	Sequence 53, Appl
32	29	85.3	111	1	US-07-942-245-25	Sequence 25, Appl
33	29	85.3	111	1	US-07-942-245-27	Sequence 27, Appl
34	29	85.3	111	1	US-07-942-245-29	Sequence 29, Appl
35	29	85.3	111	1	US-07-942-245-31	Sequence 31, Appl
36	29	85.3	112	1	US-08-053-171-15	Sequence 15, Appl
37	29	85.3	112	1	US-08-331-398A-48	Sequence 48, Appl
38	29	85.3	112	1	US-08-331-398A-50	Sequence 50, Appl
39	29	85.3	112	1	US-08-478-039-88	Sequence 88, Appl
40	29	85.3	112	1	US-08-077-252B-3	Sequence 3, Appl
41	29	85.3	112	1	US-08-476-349A-88	Sequence 88, Appl
42	29	85.3	112	1	US-08-388-672A-21	Sequence 21, Appl
43	29	85.3	112	1	US-08-388-672A-25	Sequence 25, Appl
44	29	85.3	112	2	US-08-475-000-18	Sequence 18, Appl
45	29	85.3	112	2	US-08-483-199-18	Sequence 18, Appl

ALIGNMENTS

RESULT 1
US-08-244-626-6
; Sequence 6, Application US/08244626
; Patent No. 5502167
; GENERAL INFORMATION:
; APPLICANT: Walldmann, Herman
; APPLICANT: Walsh, Louise Scott
; APPLICANT: Crowe, Alan Peter
; TITLE OF INVENTION: CDR GRAFTED HUMANISED CHIMERIC T-CELL
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rohwell, Figg, Ernst & Kurz, p.c.
; STREET: 555 Thirteenth Street, N. W.
; CITY: Washington
; STATE: D. C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/244,626
; FILING DATE: July 15, 1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB92/02251
; FILING DATE: December 4, 1992
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Ernst, Barbara G.
; REGISTRATION NUMBER: 30,377
; REFERENCE/DOCKET NUMBER: 1808-153A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 783-6040
; TELEFAX: (202) 783-6031
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-244-626-6

Query Match 85.3%; Score 29; DB 1; Length 7;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
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|
|
|
|
Db 2 VSNRFS 7

RESULT 2

US-08-053-171-28
; Sequence 28, Application US/08053171
; Patent No. 5562903
; GENERAL INFORMATION:
; APPLICANT: Co. Loibner
; TITLE OF INVENTION: Antibody Derivatives
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourie and Crew
; STREET: 379 Lytton Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: US
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/053.171
; FILING DATE: 22-APR-1993
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 11823-54-1
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 1..7
; OTHER INFORMATION: /note= "Second
; OTHER INFORMATION: complementarity-determining region (CDR2) of
; OTHER INFORMATION: BR55-2 antibody light chain"
US-08-053-171-28

Query Match 85.3%; Score 29; DB 1; Length 7;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
|
|
|
|
|
Db 2 VSNRFS 7

RESULT 3

US-08-560-558E-30
; Sequence 30, Application US/08560558E
; Patent No. 5891996
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Humanized and chimeric monoclonal
; TITLE OF INVENTION: antibodies that recognize epidermal growth factor receptor
; TITLE OF INVENTION: EGF-R; diagnostic and therapeutic use.
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Allen C. Turner, TRASK, BRITT & ROSSA

; STREET: P.O. Box 2250
; CITY: Salt Lake City
; STATE: Utah
; COUNTRY: United States of America
; ZIP: 84110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: WINDOWS95
; SOFTWARE: Wordperfect 5.1/5.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/560.558E
; FILING DATE: No. 5891996ember 17, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Turner, Allen C.
; REGISTRATION NUMBER: 33,041
; REFERENCE/DOCKET NUMBER: 2720US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (801) 532-1922
; TELEFAX: (801) 531-9168
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; HYPOTHETICAL: NO
US-08-560-558E-30

Query Match 85.3%; Score 29; DB 2; Length 7;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
|
|
|
|
|
Db 2 VSNRFS 7

RESULT 4

US-09-217-268B-30
; Sequence 30, Application US/09217268B
; Patent No. 6506883
; GENERAL INFORMATION:
; APPLICANT: Mateo de Acosta del Rio, Christina M
; APPLICANT: Rodriguez, Rolando P
; APPLICANT: Frias, Ernesto M
; TITLE OF INVENTION: Humanized and Chimeric Monoclonal Antibodies That Recognize Epide:
; TITLE OF INVENTION: Growth Factor Receptor (EGF-R); Diagnostic and Therapeutic Use
; FILE REFERENCE: 2720.IUS
; CURRENT APPLICATION NUMBER: US/09/217.268B
; CURRENT FILING DATE: 1998-12-21
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 30
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Murine
; FEATURE:
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: CDR of murine R3 antibody
US-09-217-268B-30

Query Match 85.3%; Score 29; DB 4; Length 7;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
|
|
|
|
|
Db 2 VSNRFS 7

RESULT 5

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US-09-563-222C-30
; Sequence 30, Application US/09563222C
; Patent No. 6698620
; GENERAL INFORMATION:
; APPLICANT: EPICYTE PHARMACEUTICALS, INC.
; APPLICANT: HIATT, ANDREW C.
; APPLICANT: HEIN, MICHAEL
; TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEIN ARRAYS IN PLANT CELLS
; FILE REFERENCE: 068904-0501
; CURRENT APPLICATION NUMBER: US/09/563,222C
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: PCT/US01/14349
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/563,222
; PRIOR FILING DATE: 2000-05-02
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-563-222C-30

Query Match      85.3%; Score 29; DB 4; Length 7;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 VSNRFS 7
Db      2 VSNRFS 7

RESULT 6
US-09-914-695-22
; Sequence 22, Application US/09914695
; Patent No. 6706487
; GENERAL INFORMATION:
; APPLICANT: Abdel-Meguid, Sherin
; APPLICANT: Ho, Yen Sen
; APPLICANT: Holmes, Stephen D.
; APPLICANT: Taylor, Alexander H.
; TITLE OF INVENTION: Recombinant IL-18 Antagonists Useful in
; TITLE OF INVENTION: Treatment of IL-18 Mediated Disorders
; FILE REFERENCE: P50897
; CURRENT APPLICATION NUMBER: US/09/914,695
; CURRENT FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: PCT/US00/07349
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 60/125,299
; PRIOR FILING DATE: 1999-03-19
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-914-695-22

Query Match      85.3%; Score 29; DB 4; Length 7;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 VSNRFS 7
Db      2 VSNRFS 7

RESULT 7
US-09-518-737-9
; Sequence 9, Application US/09518737
; Patent No. 6709833
; GENERAL INFORMATION:
; APPLICANT: FUKUI, YASUHIKA
```

```
; APPLICANT: NAGATA, SATOSHI
; APPLICANT: SHIRAI, RYUICHI
; APPLICANT: SAITO, NAOKI
; TITLE OF INVENTION: MONOCLONAL ANTIBODY RECOGNIZING
; TITLE OF INVENTION: PHOSPHATIDYLINOSITOL-3,4-DIPHOSPHATE
; FILE REFERENCE: 1965/49618
; CURRENT APPLICATION NUMBER: US/09/518,737
; CURRENT FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: JP 1999-250209
; PRIOR FILING DATE: 1999-09-03
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-518-737-9

Query Match      85.3%; Score 29; DB 4; Length 7;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 VSNRFS 7
Db      2 VSNRFS 7

RESULT 8
US-09-254-180C-5
; Sequence 5, Application US/09254180C
; Patent No. 6777540
; GENERAL INFORMATION:
; APPLICANT: OKUMURA, KO
; APPLICANT: MAEDA, Yasuyuki
; APPLICANT: MAEDA, Hiroaki
; APPLICANT: USHIO, Yoshitaka
; APPLICANT: HIGUCHI, Hirofumi
; APPLICANT: NAKATA, Motomi
; TITLE OF INVENTION: Humanized Immunoglobulins Specifically Reactive to Fas Ligand or
; TITLE OF INVENTION: Fragments Thereof, and Apoptosis-Induced Site From Fas Ligand
; FILE REFERENCE: 050006-0055
; CURRENT APPLICATION NUMBER: US/09/254,180C
; CURRENT FILING DATE: 1999-04-15
; PRIOR APPLICATION NUMBER: PCT/JF97/02983
; PRIOR FILING DATE: 1997-08-27
; PRIOR APPLICATION NUMBER: 271546/1996
; PRIOR FILING DATE: 1996-09-20
; PRIOR APPLICATION NUMBER: 231472/1996
; PRIOR FILING DATE: 1996-09-02
; NUMBER OF SEQ ID NOS: 183
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Mouse
US-09-254-180C-5

Query Match      85.3%; Score 29; DB 4; Length 7;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 VSNRFS 7
Db      2 VSNRFS 7

RESULT 9
PCT-US91-02942-23
; Sequence 23, Application PC/TUS9102942
; GENERAL INFORMATION:
; APPLICANT: ROTHLEIN, ROBERT
; APPLICANT: ADAIR, JOHN R
; APPLICANT: ATHWAL, DILJEET S
```

;; TITLE OF INVENTION: HUMANIZED CDR-GRAFTED ICAM-1 ANTIBODY
;; NUMBER OF SEQUENCES: 102
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
;; STREET: 1225 Connecticut Ave. NW Suite 300
;; CITY: Washington
;; STATE: D.C.
;; COUNTRY: USA
;; ZIP: 20036
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: PCT/US91/02942
;; FILING DATE: 19910429
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: GB 9009549.8
;; FILING DATE: 27-APR-1990
;; ATTORNEY/AGENT INFORMATION:
;; NAME: FOX, SAM L.
;; REGISTRATION NUMBER: 30,353
;; REFERENCE/DOCKET NUMBER: 1011.0586600
;; TELEPHONE: (202) 466-0800
;; TELEFAX: (202) 833-8716
;; INFORMATION FOR SEQ ID NO: 23:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 23 amino acids
;; TYPE: AMINO ACID
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
;; PCT-US91-02942-23
Query Match 85.3%; Score 29; DB 5; Length 23;
Best Local Similarity 100.0%; Pred. No. 7.7;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2 VSNRFS 7
Db 11 VSNRFS 16
RESULT 10
PCT-US91-02942-39
;; Sequence 39, Application PC/TUS9102942
;; GENERAL INFORMATION:
;; APPLICANT: ROTHLEIN, ROBERT
;; APPLICANT: ADAIR, JOHN R.
;; APPLICANT: ATHWAL, DILJEET S.
;; TITLE OF INVENTION: HUMANIZED CDR-GRAFTED ICAM-1 ANTIBODY
;; NUMBER OF SEQUENCES: 102
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
;; STREET: 1225 Connecticut Ave. NW Suite 300
;; CITY: Washington
;; STATE: D.C.
;; COUNTRY: USA
;; ZIP: 20036
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: PCT/US91/02942
;; FILING DATE: 19910429
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: GB 9009549.8
;; FILING DATE: 27-APR-1990

;; ATTORNEY/AGENT INFORMATION:
;; NAME: FOX, SAM L.
;; REGISTRATION NUMBER: 30,353
;; REFERENCE/DOCKET NUMBER: 1011.0586600
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (202) 466-0800
;; TELEFAX: (202) 833-8716
;; INFORMATION FOR SEQ ID NO: 39:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 23 amino acids
;; TYPE: AMINO ACID
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
;; PCT-US91-02942-39
Query Match 85.3%; Score 29; DB 5; Length 23;
Best Local Similarity 100.0%; Pred. No. 7.7;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2 VSNRFS 7
Db 11 VSNRFS 16
RESULT 11
US-08-525-539A-15
;; Sequence 15, Application US/08525539A
;; Patent No. 6309636
;; GENERAL INFORMATION:
;; APPLICANT: DO COUTO, FERNANDO J.R.
;; APPLICANT: CERIANI, ROBERTO L.
;; APPLICANT: PETERSON, JERRY A.
;; TITLE OF INVENTION: RECOMBINANT PEPTIDES DERIVED FROM THE
;; TITLE OF INVENTION: MC3 ANTI-BA46 ANTIBODY, METHODS OF USE THEREOF, AND
;; NUMBER OF SEQUENCES: 81
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: MORRISON & FOERSTER
;; STREET: 755 Page Mill Road
;; CITY: Palo Alto
;; STATE: CA
;; COUNTRY: USA
;; ZIP: 94304-1018
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/525.539A
;; FILING DATE: 14-SEP-1995
;; CLASSIFICATION: 424
;; ATTORNEY/AGENT INFORMATION:
;; NAME: DYLAN, TYLER
;; REGISTRATION NUMBER: 37,612
;; REFERENCE/DOCKET NUMBER: 27633-20001.21
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 813-5600
;; TELEFAX: (415) 494-0792
;; TELEX: 706141
;; INFORMATION FOR SEQ ID NO: 15:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 31 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-525-539A-15
Query Match 85.3%; Score 29; DB 3; Length 31;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2 VSNRFS 7

Db 2 VSNRFS 7
|||||
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/02942
FILING DATE: 19910429
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9009549.8
FILING DATE: 27-APR-1990
ATTORNEY/AGENT INFORMATION:
NAME: FOX, SAM L
REGISTRATION NUMBER: 30,353
REFERENCE/DOCKET NUMBER: 1011.0586600
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 466-0800
TELEFAX: (202) 833-8716
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 50 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: peptide
PCT-US91-02942-8

Query Match 85.3%; Score 29; DB 5; Length 50;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
|||||
Db 6 VSNRFS 11

RESULT 14
PCT-US91-02942-9
Sequence 9, Application PC/TUS9102942
GENERAL INFORMATION:
APPLICANT: ROTHLEIN, ROBERT
APPLICANT: ADAIR, JOHN R
APPLICANT: ATHWAL, DILJEET S
TITLE OF INVENTION: HUMANIZED CDR-GRAFTED ICAM-1 ANTIBODY
NUMBER OF SEQUENCES: 102
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1225 Connecticut Ave. NW Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/02942
FILING DATE: 19910429
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9009549.8
FILING DATE: 27-APR-1990
ATTORNEY/AGENT INFORMATION:
NAME: FOX, SAM L
REGISTRATION NUMBER: 30,353
REFERENCE/DOCKET NUMBER: 1011.0586600
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 466-0800
TELEFAX: (202) 833-8716
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:

Db 2 VSNRFS 7
|||||
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/525,539A
FILING DATE: 14-SEP-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: DYLAN, TYLER
REGISTRATION NUMBER: 37,612
REFERENCE/DOCKET NUMBER: 27633-20001.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 34 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-525-539A-17

Query Match 85.3%; Score 29; DB 3; Length 34;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
|||||
Db 2 VSNRFS 7

RESULT 13
PCT-US91-02942-8
Sequence 8, Application PC/TUS9102942
GENERAL INFORMATION:
APPLICANT: ROTHLEIN, ROBERT
APPLICANT: ADAIR, JOHN R
APPLICANT: ATHWAL, DILJEET S
TITLE OF INVENTION: HUMANIZED CDR-GRAFTED ICAM-1 ANTIBODY
NUMBER OF SEQUENCES: 102
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1225 Connecticut Ave. NW Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20036

Db 2 VSNRFS 7
|||||
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/02942
FILING DATE: 19910429
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9009549.8
FILING DATE: 27-APR-1990
ATTORNEY/AGENT INFORMATION:
NAME: FOX, SAM L
REGISTRATION NUMBER: 30,353
REFERENCE/DOCKET NUMBER: 1011.0586600
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 466-0800
TELEFAX: (202) 833-8716
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:

Job time : 3.78986 secs

; LENGTH: 50 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
PCT-US91-02942-9

Query Match 85.3%; Score 29; DB 5; Length 50;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 VSNRFS 7
Db 6 VSNRFS 11

RESULT 15

US-08-273-146-51
; Sequence 51, Application US/08273146
; Patent No. 5855885
; GENERAL INFORMATION:
; APPLICANT: Smith, Rodger
; APPLICANT: McCafferty, John
; APPLICANT: Chiswell, David
; APPLICANT: Darsley, Michael J.
; APPLICANT: Fitzgerald, Kevin
; APPLICANT: Kenten, John H.
; APPLICANT: Martin, Mark T.
; APPLICANT: Titmas, Richard C.
; APPLICANT: Williams, Richard O.
; TITLE OF INVENTION: The Isolation and Production of
; TITLE OF INVENTION: Catalytic Antibodies using Phage technology
; NUMBER OF SEQUENCES: 71
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: IGEN, Inc.
; STREET: 1530 East Jefferson St.
; CITY: Rockville
; STATE: MD
; COUNTRY: USA
; ZIP: 20852
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/273,146
; FILING DATE: 14-JUL-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ryan, John W.
; REGISTRATION NUMBER: 33,771
; REFERENCE/DOCKET NUMBER: 09000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 301-984-8000
; TELEFAX: 301-230-0158
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 65 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-273-146-51

Query Match 85.3%; Score 29; DB 2; Length 65;
Best Local Similarity 100.0%; Pred. No. 24;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 VSNRFS 7
Db 47 VSNRFS 52

Query Match 100.0%; Score 34; DB 17; Length 111;
 Best Local Similarity 100.0%; Pred. No. 1.4e+06;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TVSNRFS 7
 |||||
 Db 1 TVSNRFS 7

RESULT 2
 US-10-706-852-4
 ; Sequence 4, Application US/10706852
 ; Publication No. US20040219203A1
 ; GENERAL INFORMATION:
 ; APPLICANT: GRIFFITHS, GARY L.
 ; APPLICANT: HANSEN, HANS J.
 ; APPLICANT: GOLDBERG, DAVID M.
 ; TITLE OF INVENTION: ANTI-CD74 IMMUNOCONJUGATES AND METHODS
 ; FILE REFERENCE: 40923-0079US
 ; CURRENT APPLICATION NUMBER: US/10706,852
 ; PRIOR FILING DATE: 2003-11-12
 ; PRIOR APPLICATION NUMBER: 10/314,330
 ; PRIOR FILING DATE: 2002-12-09
 ; PRIOR APPLICATION NUMBER: 09/965,796
 ; PRIOR FILING DATE: 2001-10-01
 ; PRIOR APPLICATION NUMBER: 09/307,816
 ; PRIOR FILING DATE: 1999-05-10
 ; PRIOR APPLICATION NUMBER: 10/350,096
 ; PRIOR FILING DATE: 2003-01-24
 ; PRIOR APPLICATION NUMBER: 09/590,284
 ; PRIOR FILING DATE: 2000-06-09
 ; PRIOR APPLICATION NUMBER: 10/377,122
 ; PRIOR FILING DATE: 2003-03-03
 ; PRIOR APPLICATION NUMBER: 60/360,259
 ; PRIOR FILING DATE: 2002-03-01
 ; PRIOR APPLICATION NUMBER: 60/478,830
 ; PRIOR FILING DATE: 2003-06-17
 ; NUMBER OF SEQ ID NOS: 21
 ; SOFTWARE: PatentIn Ver. 3.2
 ; SEQ ID NO 4
 ; LENGTH: 111
 ; TYPE: PRT
 ; ORGANISM: Mus musculus
 US-10-706-852-4

Query Match 100.0%; Score 34; DB 17; Length 111;
 Best Local Similarity 100.0%; Pred. No. 10;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TVSNRFS 7
 |||||
 Db 55 TVSNRFS 61

RESULT 3
 US-10-706-852-8
 ; Sequence 8, Application US/10706852
 ; Publication No. US20040219203A1
 ; GENERAL INFORMATION:
 ; APPLICANT: GRIFFITHS, GARY L.
 ; APPLICANT: HANSEN, HANS J.
 ; APPLICANT: GOLDBERG, DAVID M.
 ; TITLE OF INVENTION: ANTI-CD74 IMMUNOCONJUGATES AND METHODS
 ; FILE REFERENCE: 40923-0079US
 ; CURRENT APPLICATION NUMBER: US/10706,852
 ; PRIOR FILING DATE: 2003-11-12
 ; PRIOR APPLICATION NUMBER: 10/314,330
 ; PRIOR FILING DATE: 2002-12-09
 ; PRIOR APPLICATION NUMBER: 09/965,796

; PRIOR APPLICATION NUMBER: 09/307,816
 ; PRIOR FILING DATE: 1999-05-10
 ; PRIOR APPLICATION NUMBER: 10/350,096
 ; PRIOR FILING DATE: 2003-01-24
 ; PRIOR APPLICATION NUMBER: 09/590,284
 ; PRIOR FILING DATE: 2000-06-09
 ; PRIOR APPLICATION NUMBER: 10/377,122
 ; PRIOR FILING DATE: 2003-03-03
 ; PRIOR APPLICATION NUMBER: 60/360,259
 ; PRIOR FILING DATE: 2002-03-01
 ; PRIOR APPLICATION NUMBER: 60/478,830
 ; PRIOR FILING DATE: 2003-06-17
 ; NUMBER OF SEQ ID NOS: 21
 ; SOFTWARE: PatentIn Ver. 3.2
 ; SEQ ID NO 8
 ; LENGTH: 113
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: chimeric cLLlVx sequence
 US-10-706-852-8

Query Match 100.0%; Score 34; DB 17; Length 113;
 Best Local Similarity 100.0%; Pred. No. 11;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TVSNRFS 7
 |||||
 Db 55 TVSNRFS 61

RESULT 4
 US-10-706-852-12
 ; Sequence 12, Application US/10706852
 ; Publication No. US20040219203A1
 ; GENERAL INFORMATION:
 ; APPLICANT: GRIFFITHS, GARY L.
 ; APPLICANT: HANSEN, HANS J.
 ; APPLICANT: GOLDBERG, DAVID M.
 ; TITLE OF INVENTION: ANTI-CD74 IMMUNOCONJUGATES AND METHODS
 ; FILE REFERENCE: 40923-0079US
 ; CURRENT APPLICATION NUMBER: US/10706,852
 ; PRIOR FILING DATE: 2003-11-12
 ; PRIOR APPLICATION NUMBER: 10/314,330
 ; PRIOR FILING DATE: 2002-12-09
 ; PRIOR APPLICATION NUMBER: 09/965,796
 ; PRIOR FILING DATE: 2001-10-01
 ; PRIOR APPLICATION NUMBER: 09/307,816
 ; PRIOR FILING DATE: 1999-05-10
 ; PRIOR APPLICATION NUMBER: 10/350,096
 ; PRIOR FILING DATE: 2003-01-24
 ; PRIOR APPLICATION NUMBER: 09/590,284
 ; PRIOR FILING DATE: 2000-06-09
 ; PRIOR APPLICATION NUMBER: 10/377,122
 ; PRIOR FILING DATE: 2003-03-03
 ; PRIOR APPLICATION NUMBER: 60/360,259
 ; PRIOR FILING DATE: 2002-03-01
 ; PRIOR APPLICATION NUMBER: 60/478,830
 ; PRIOR FILING DATE: 2003-06-17
 ; NUMBER OF SEQ ID NOS: 21
 ; SOFTWARE: PatentIn Ver. 3.2
 ; SEQ ID NO 12
 ; LENGTH: 113
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: humanized hLLlVx sequence
 US-10-706-852-12

Query Match 100.0%; Score 34; DB 17; Length 113;
 Best Local Similarity 100.0%; Pred. No. 11;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 TVSNRFS 7
:|||||
DB 55 TVSNRFS 61

RESULT 5

US-09-995-529-120

; Sequence 120, Application US/09995529

; Publication No. US20030099655A1

; GENERAL INFORMATION:

; APPLICANT: Watkins, Jeffrey D.

; APPLICANT: Huse, William D.

; APPLICANT: Tang, Ying

; TITLE OF INVENTION: Humanized Collagen Antibodies and

; FILE REFERENCE: P-IX 4976

; CURRENT APPLICATION NUMBER: US/09/995,529

; CURRENT FILING DATE: 2001-11-26

; NUMBER OF SEQ ID NOS: 358

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 120

; LENGTH: 7

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: synthetic antibody mutation

US-09-995-529-120

Query Match

Best Local Similarity 88.2%; Score 30; DB 10; Length 7;

Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TVSNRFS 7
:|||||
DB 1 SVSNRFS 7

RESULT 6

US-09-995-529-120

; Sequence 120, Application US/09995529

; Publication No. US20040091482A9

; GENERAL INFORMATION:

; APPLICANT: Watkins, Jeffrey D.

; APPLICANT: Huse, William D.

; APPLICANT: Tang, Ying

; TITLE OF INVENTION: Humanized Collagen Antibodies and

; FILE REFERENCE: P-IX 4976

; CURRENT APPLICATION NUMBER: US/09/995,529

; CURRENT FILING DATE: 2001-11-26

; NUMBER OF SEQ ID NOS: 358

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 120

; LENGTH: 7

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: synthetic antibody mutation

US-09-995-529-120

Query Match

Best Local Similarity 88.2%; Score 30; DB 11; Length 7;

Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TVSNRFS 7
:|||||
DB 1 SVSNRFS 7

RESULT 7

US-10-424-599-157798

; Sequence 157798, Application US/10424599

; Publication No. US20040031072A1

; GENERAL INFORMATION:

; APPLICANT: La Rosa Thomas J

; APPLICANT: Kovalic David K

; APPLICANT: Zhou Yihua

; APPLICANT: Cao Yongwei

; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With

; FILE REFERENCE: 38-21(53223)B

; CURRENT APPLICATION NUMBER: US/10/424,599

; CURRENT FILING DATE: 2003-04-28

; NUMBER OF SEQ ID NOS: 285684

; SEQ ID NO 157798

; LENGTH: 183

; TYPE: PRT

; ORGANISM: Glycine max

; FEATURE:

; NAME/KEY: unsure

; LOCATION: (1)..(183)

; OTHER INFORMATION: unsure at all Xaa locations

; FEATURE:

; OTHER INFORMATION: Clone ID: PAT_MRT3847_113510C.1.pap

US-10-424-599-157798

Query Match

Best Local Similarity 88.2%; Score 30; DB 15; Length 183;

Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TVSNRFS 7
:|||||
DB 41 SVSNRFS 47

RESULT 8

US-10-369-493-3337

; Sequence 3337, Application US/10369493

; Publication No. US20030233675A1

; GENERAL INFORMATION:

; APPLICANT: Cao, Yongwei

; APPLICANT: Hinkle, Gregory J.

; APPLICANT: Slater, Steven C.

; APPLICANT: Goldman, Barry S.

; APPLICANT: Chen, Xianfeng

; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF

; FILE REFERENCE: 38-10(52052)B

; CURRENT APPLICATION NUMBER: US/10/369,493

; CURRENT FILING DATE: 2003-02-28

; PRIOR APPLICATION NUMBER: US 60/360,039

; PRIOR FILING DATE: 2002-02-21

; NUMBER OF SEQ ID NOS: 47374

; SEQ ID NO 3337

; LENGTH: 937

; TYPE: PRT

; ORGANISM: Neurospora crassa

; FEATURE:

; NAME/KEY: unsure

; LOCATION: (1)..(937)

; OTHER INFORMATION: unsure at all Xaa locations

US-10-369-493-3337

Query Match

Best Local Similarity 88.2%; Score 30; DB 14; Length 937;

Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 TVSNRFS 7
:|||||
DB 555 TITNRFS 561

RESULT 9

US-09-217-268B-30

; Sequence 30, Application US/09217268B

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: November 18, 2004, 05:16:17 ; Search time 45.4348 Seconds
(without alignments)
166.398 Million cell updates/sec

Title: US-09-328-296-7
Perfect score: 610
Sequence: 1 EVQLQQSGPDIVKGRSVKI.....YCARIGIYWHGHTLTIVSS 114

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA.*
1: /cgn2_6/ptodata/1/iaa/5A COMB pep.*
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5: /cgn2_6/ptodata/1/iaa/PTCUS COMB pep.*
6: /cgn2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	DB ID	Description
1	496	81.3	135	1 US-08-137-117D-27
2	496	81.3	135	2 US-08-436-717-27
3	488	80.0	137	2 US-08-116-778B-3
4	488	80.0	137	2 US-08-438-562-3
5	488	80.0	137	2 US-08-483-528B-93
6	487.5	79.9	301	2 US-08-656-906-25
7	487.5	79.9	301	3 US-09-217-847-25
8	487	79.8	118	4 US-09-647-468-139
9	487	79.8	118	4 US-09-647-468-140
10	487	79.8	137	4 US-09-647-468-153
11	487	79.8	137	4 US-09-647-468-154
12	485	79.5	128	1 US-08-202-047-21
13	485	79.5	128	1 US-09-964-690-21
14	483.5	79.3	115	3 US-08-838-682-8
15	483.5	79.3	115	3 US-08-895-914-8
16	483.5	79.3	115	3 US-09-357-710A-8
17	483.5	79.3	115	4 US-09-357-707-8
18	483.5	79.3	115	4 US-09-357-708-8
19	483.5	79.3	130	3 US-08-838-682-4
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21	483.5	79.3	130	4 US-09-357-710A-4
22	483.5	79.3	130	4 US-09-357-707-4
23	483.5	79.3	130	4 US-09-357-708-4
24	482.5	79.1	243	1 US-08-230-843-4
25	482.5	79.1	243	1 US-08-636-936-4
26	480	78.7	139	2 US-08-116-778B-1
27	480	78.7	139	2 US-08-438-562-1

28 480 78.7 139 2 US-08-483-528B-91
29 479 78.5 233 3 US-08-444-644-33
30 479 78.5 233 3 US-08-232-246A-33
31 479 78.5 235 3 US-08-444-644-19
32 479 78.5 235 3 US-08-444-644-28
33 479 78.5 235 3 US-08-444-644-42
34 479 78.5 235 3 US-08-232-246A-19
35 479 78.5 235 3 US-08-232-246A-28
36 479 78.5 235 3 US-08-232-246A-42
37 478 78.4 118 1 US-08-491-845-6
38 477 78.2 116 1 US-07-634-278-56
39 477 78.2 116 1 US-08-477-728-56
40 477 78.2 116 1 US-08-474-040-56
41 477 78.2 116 1 US-08-487-200-56
42 477 78.2 135 1 US-07-634-278-69
43 477 78.2 135 1 US-08-477-728-69
44 477 78.2 135 1 US-08-474-040-69
45 477 78.2 135 1 US-08-474-040-69

ALIGNMENTS

RESULT 1
US-08-137-117D-27
; Sequence 27, Application US/08137117D
; Patent No. 5795965
; GENERAL INFORMATION:
; APPLICANT: TSUCHIYA, Masayuki
; APPLICANT: SATO, Koh
; APPLICANT: BENDIG, Mary
; APPLICANT: JONES, Steven
; APPLICANT: SALDANHA, Jose
; TITLE OF INVENTION: RESHAPED HUMAN ANTIBODY TO HUMAN
; TITLE OF INVENTION: INTERLEUKIN-6 RECEPTOR
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/137,117D
; FILING DATE: 20-DEC-1993
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/JP92/00544
; FILING DATE: 24-APR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 4-32084
; FILING DATE: 19-FEB-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 3-95476
; FILING DATE: 25-APR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: WEGNER, Harold C.
; REGISTRATION NUMBER: 25,258
; REFERENCE/DOCKET NUMBER: 53466/126/AAOK
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 135 amino acids
; TYPE: amino acid

Sequence 91, Appl
Sequence 33, Appl
Sequence 33, Appl
Sequence 19, Appl
Sequence 28, Appl
Sequence 42, Appl
Sequence 6, Appl
Sequence 56, Appl
Sequence 56, Appl
Sequence 56, Appl
Sequence 56, Appl
Sequence 69, Appl
Sequence 69, Appl
Sequence 69, Appl

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;      TOPOLOGY: linear
;      MOLECULE TYPE: protein
US-08-137-117D-27

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Query Match	81.3%;	Score 496;	DB 1;	Length 135;
Best Local Similarity	81.9%;	Pred. No. 7.9e-41;		
Matches	95;	Conservative	7;	Mismatches 12; Indels 2; Gaps 1;

1	EVQLQSQSPDLVKPGASVKISK	ASGYSFTGYTHHWKQSHGKSL	EWI	GRVTPNNGETSY	60
	:	:		:	
20	EIQLQSQSPGLMKPGASVKISK	ASGYSFTSYTHHWKQSHGKSL	EWI	YDFPFGGTSY	79
	:	:		:	
61	NQKFKGAILTVDKSSTAYMLR	SLTSED	SAVYYCAREG	--IYRWGHGTTTLTVSS	114
	:	:		:	
80	NQKFKGKATLVDKSSTAYMLR	SLTSED	SAVYYCARGNR	RAYVGGTTLTVSA	135
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RESULT 2

US-08-436-117-21
Sequence 27, Application US/08436717
Patent No. 5817790
GENERAL INFORMATION:
APPLICANT: TSUCHIYA, Masayuki
APPLICANT: SATO, Koh
APPLICANT: BENDIG, Mary
APPLICANT: JONES, Steven
APPLICANT: SALDANA, Jose
TITLE OF INVENTION: RESHAPED HUMAN ANTIBODY TO HUMAN
TITLE OF INVENTION: INTERLEUKIN-6 RECEPTOR
NUMBER OF SEQUENCES: 158
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,717
FILING DATE:

	Query March	81.3%;	Score 496;	DB 2;	Length 135;
	Best Local Similarity	81.9%;	7; Mismatch 41;		
	Matches 95;	Conservative	Indels 12;	Gaps	
1	EVQLQSGDPLVKPGASVKISKASGYSFTGYIHWVKQSHGKSLIEWIGRVIPNNGGTSY				
20	EIQLQSGPELMKPGASVKISKASGYSFTSYIHWVKQSHGKSLIEWIGYIDPFNGGTSY				
61	NOQFKGKAILTVDKSSYAYMELSLTSEDSAVVYICAREG--IYWGHTTTITVSS 114				
80	NOQFKGKAILTVDKSSYAYMELSLTSEDSAVVYICARGNRRAYGQGLTVTSSA 135				

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61 NQFKGAILTVDKSSSTAYWELRLTSED$AVVYCAREG--IYWWGHGTLTVSS 114
      |||||
80 NQFKGATLTVDKSSSTAYMHL$SLTSED$AVVYCARGNR$AYWGGTLTVSA 135
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RESULT 3

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US-08-116-778E-3
: Sequence 3, Application US/08116778E
: Patent No. 5830470
: GENERAL INFORMATION:
: APPLICANT: NAKAMURA KOZUYASU
: APPLICANT: KOIKE, MASAMICHI
: APPLICANT: SHIRARA, KENYA
: APPLICANT: HANAI, NOBUO
: APPLICANT: KAWANA, YOSHIIHISA
: APPLICANT: HASEGAWA, MAMORU
: TITLE OF INVENTION: HUMANIZED ANTIBODIES
: NUMBER OF SEQUENCES: 49
: CORRESPONDENCE ADDRESSES:
: ADDRESSEE: NIXON & VANDERHYE P.C.
: STREET: 1100 NORTH GLEBE ROAD
: CITY: ARLINGTON
: STATE: VIRGINIA
: COUNTRY: U.S.A.
: ZIP: 22201-4714
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/116,778E
: FILING DATE: 07-Sep-93
: CLASSIFICATION: 424
: ATTORNEY/AGENT INFORMATION:
: NAME: WILSON, MARY J.
: REGISTRATION NUMBER: 32,955
: REFERENCE/DOCKET NUMBER: 249-59
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (703)816-4000
: TELEFAX: (703)816-4100
: INFORMATION FOR SEQ ID NO: 3:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 137 amino acids
: TYPE: amino acids
: TOPOLOGY: linear
: MOLECULE TYPE: protein
: FEATURE:
: NAME/KEY: sig_peptide
: LOCATION: -19..-1
: IDENTIFICATION METHOD:
: IDENTIFICATION METHOD:
: IDENTIFICATION METHOD: CONSENSUS
: FEATURE:
: NAME/KEY: domain
: LOCATION: 31..35
: IDENTIFICATION METHOD:
: IDENTIFICATION METHOD: WITH KNOWN SEQUENCE OR TO AN ESTABLISHED
: IDENTIFICATION METHOD: CONSENSUS
: OTHER INFORMATION: /product= "HYPERVARIABLE REGION 1"
: FEATURE:
: NAME/KEY: domain
: LOCATION: 55..66
: IDENTIFICATION METHOD:
: IDENTIFICATION METHOD: WITH KNOWN SEQUENCE OR TO AN ESTABLISHED

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IDENTIFICATION METHOD: CONSENSUS
OTHER INFORMATION: /product= "HYPERVARIABLE REGION 2"
FEATURE:
NAME/KEY: domain
LOCATION: 99..107
IDENTIFICATION METHOD: BY SIMILARITY
IDENTIFICATION METHOD: WITH KNOWN SEQUENCE OR TO AN ESTABLISHED
IDENTIFICATION METHOD: CONSENSUS
OTHER INFORMATION: /product= "HYPERVARIABLE REGION 3"
US-08-116-778E-3

Query Match      80.0%; Score 488; DB 2; Length 137;
Best Local Similarity 79.7%; Pred. No. 4.8e-40;
Matches 94; Conservative 7; Mismatches 13; Indels 4; Gaps 1;

QY 1 EVLOQSGDPLVKPGASVKISCKASGYSTGYIHHVKQSHGKSLGWIGRVIPNNGTGY 60
Db 20 EVLOQSGPELVKPGASVKISCKASGYTFTDYNMDVWKQSHGKSLGWIGYIPNNGTGY 79
QY 61 NQKFKGKAILTVDKSSSTAYMELSLTSDSAVYICAREGIYW----WGHGTTLTVSS 114
Db 80 NQKFKSKATLTVDKSSSTAYMELSLTSDSAVYICARAGRIYYAWDQGLTIVTSA 137

RESULT 4
US-08-438-562-3
; Sequence 3, Application US/08438562
; Patent No. 5874255
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, KAZUYASU
; APPLICANT: KOIKE, MASAMICHI
; APPLICANT: SHITARA, KENYA
; APPLICANT: HANAI, NOBUO
; APPLICANT: KUWANA, YOSHIHISA
; APPLICANT: HASEGAWA, MAMORU
; TITLE OF INVENTION: HUMANIZED ANTIBODIES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/438,562
; FILING DATE: 10-MAY-95
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/116,778
; FILING DATE: 07-SEP-93
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: WILSON, MARY J.
; REGISTRATION NUMBER: 32,955
; REFERENCE/DOCKET NUMBER: 249-76
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4000
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 137 amino acids
; TYPE: amino acids
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FEATURE:
; NAME/KEY: sig_peptide
; LOCATION: -19..-1
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IDENTIFICATION METHOD: BY SIMILARITY
IDENTIFICATION METHOD: WITH KNOWN SEQUENCE OR TO AN ESTABLISHED
IDENTIFICATION METHOD: CONSENSUS
FEATURE:
NAME/KEY: domain
LOCATION: 31..35
IDENTIFICATION METHOD: BY SIMILARITY
IDENTIFICATION METHOD: WITH KNOWN SEQUENCE OR TO AN ESTABLISHED
IDENTIFICATION METHOD: CONSENSUS
OTHER INFORMATION: /product= "HYPERVARIABLE REGION 1"
FEATURE:
NAME/KEY: domain
LOCATION: 55..66
IDENTIFICATION METHOD: BY SIMILARITY
IDENTIFICATION METHOD: WITH KNOWN SEQUENCE OR TO AN ESTABLISHED
IDENTIFICATION METHOD: CONSENSUS
OTHER INFORMATION: /product= "HYPERVARIABLE REGION 2"
FEATURE:
NAME/KEY: domain
LOCATION: 99..107
IDENTIFICATION METHOD: BY SIMILARITY
IDENTIFICATION METHOD: WITH KNOWN SEQUENCE OR TO AN ESTABLISHED
IDENTIFICATION METHOD: CONSENSUS
OTHER INFORMATION: /product= "HYPERVARIABLE REGION 3"
US-08-438-562-3

Query Match      80.0%; Score 488; DB 2; Length 137;
Best Local Similarity 79.7%; Pred. No. 4.8e-40;
Matches 94; Conservative 7; Mismatches 13; Indels 4; Gaps 1;

QY 1 EVLOQSGDPLVKPGASVKISCKASGYSTGYIHHVKQSHGKSLGWIGRVIPNNGTGY 60
Db 20 EVLOQSGPELVKPGASVKISCKASGYTFTDYNMDVWKQSHGKSLGWIGYIPNNGTGY 79
QY 61 NQKFKGKAILTVDKSSSTAYMELSLTSDSAVYICAREGIYW----WGHGTTLTVSS 114
Db 80 NQKFKSKATLTVDKSSSTAYMELSLTSDSAVYICARAGRIYYAWDQGLTIVTSA 137
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RESULT 5
US-08-483-528B-93
; Sequence 93, Application US/08483528B
; Patent No. 5939532
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, KAZUYASU
; APPLICANT: KOIKE, MASAMICHI
; APPLICANT: SHITARA, KENYA
; APPLICANT: HANAI, NOBUO
; APPLICANT: KUWANA, YOSHIHISA
; APPLICANT: HASEGAWA, MAMORU
; TITLE OF INVENTION: HUMANIZED ANTIBODIES
; NUMBER OF SEQUENCES: 103
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,528B
; FILING DATE: 07-JUN-95
; CLASSIFICATION: 536
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4000
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 93:
; SEQUENCE CHARACTERISTICS:
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/ LENGTH: 137 amino acids
/ TYPE: amino acids
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ FEATURE:
/ NAME/KEY: sig_peptide
/ LOCATION: -19--1
/ IDENTIFICATION METHOD:
/ IDENTIFICATION METHOD:
/ IDENTIFICATION METHOD:
/ IDENTIFICATION METHOD:
/ OTHER INFORMATION: /product= "HYPERVARIABLE REGION 1"
/ FEATURE:
/ NAME/KEY: domain
/ LOCATION: 31..35
/ IDENTIFICATION METHOD:
/ IDENTIFICATION METHOD:
/ IDENTIFICATION METHOD:
/ OTHER INFORMATION: /product= "HYPERVARIABLE REGION 2"
/ FEATURE:
/ NAME/KEY: domain
/ LOCATION: 55..66
/ IDENTIFICATION METHOD:
/ IDENTIFICATION METHOD:
/ IDENTIFICATION METHOD:
/ OTHER INFORMATION: /product= "HYPERVARIABLE REGION 3"
/
US-08-483-528B-93

Query Match 80.0%; Score 488; DB 2; Length 137;
Best Local Similarity 79.7%; Pred. No. 4.8e-40;
Matches 94; Conservative 7; Mismatches 13; Indels 4; Gaps 1;

QY 1 EVQLQQSGPDLVKGASVKISCKASGYSTGYIHWVQSHGKSLIEWIGRVPNNGGTSY 60
Db 20 EVQLQQSGPELVKGASVKISCKASGYFTDYNMDVWVQSHGKSLIEWIGYYPNNGGTGY 79
QY 61 NQKFGKAILTVDKSSSTAYWEHLRSLTSDSAVYTCAREGIYW----WGHGCTLTLTSS 114
Db 80 NQKFRKATLTVDKSSSTAYWEHLRSLTSDSAVYTCAREGIYVYVNDWVGQGLTLTVSA 137

RESULT 6
US-08-656-906-25
; Sequence 25, Application US/08656906
; Patent No. 5972901
; GENERAL INFORMATION:
; APPLICANT: Ferkol Jr., Thomas W.
; APPLICANT: Davis, Pamela B.
; APPLICANT: Ziady, Assem-Galal
; TITLE OF INVENTION: Serpin Enzyme Complex Receptor -
; TITLE OF INVENTION: Mediated Gene Transfer
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTES: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARES: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/656,906
; FILING DATE: 03-JUN-1996
; CLASSIFICATION: 514

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/ FILING DATE: 23-MAR-1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/216,534
/ FILING DATE: 23-MAR-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Ingolia, Diane E.
/ REGISTRATION NUMBER: 40,027
/ REFERENCE/DOCKET NUMBER: CASE-02280
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 705-8410
/ TELEFAX: (415) 397-8338
/ INFORMATION FOR SEQ ID NO: 25:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 301 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
US-09-217-847-25

Query Match          79.8%; Score 487.5; DB 3; Length 301;
Best Local Similarity 79.3%; Pred. No. 1.3e-39;
Matches 96; Conservative 5; Mismatches 13; Indels 7; Gaps 1;

QY 1 EVQLQSGPDLVKPGASVKISKASGYSTGYIHWKQSHGKSLIEWIGRVPINNGGTSY 60
DB 127 EVQLQSGPDLVKPGASVKISKASGYSTGYIHWKQSHGKSLIEWIGRVPINNGGTSY 186
QY 61 NQKFKGKATLTVDKSSSTAYMELRLSTSDSAVYYCAREGIY-----WWGHGTTLTVS 113
DB 187 NQKFKGKATLTVDKSSSTAYMELRLSTSDSAVYYCAREGIY-----WWGHGTTLTVS 246
QY 114 S 114
DB 247 S 247

RESULT 8
US-09-647-468-139
/ Sequence 139, Application US/09647468
/ Patent No. 6677436
/ GENERAL INFORMATION:
/ APPLICANT: SATO, KOH
/ APPLICANT: ADACHI, HIDEKI
/ APPLICANT: YABUTA, NACHIRO
/ TITLE OF INVENTION: HUMANIZED ANTIBODY AGAINST HUMAN TISSUE FACTOR (TF) AND
/ FILE REFERENCE: 053466/0289
/ CURRENT APPLICATION NUMBER: US/09/647,468
/ PRIOR FILING DATE: 1999-04-02
/ PRIOR APPLICATION NUMBER: JP 10-91850
/ NUMBER OF SEQ ID NOS: 183
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 139
/ LENGTH: 118
/ TYPE: PRT
/ ORGANISM: Mus sp.
/ FEATURE:
/ OTHER INFORMATION: Amino acid sequence of H chain V region of anti-TF
/ OTHER INFORMATION: mouse monoclonal antibody ATR-2
US-09-647-468-139

Query Match          79.8%; Score 487; DB 4; Length 118;
Best Local Similarity 80.5%; Pred. No. 5e-40;
Matches 95; Conservative 8; Mismatches 11; Indels 4; Gaps 2;

QY 1 EVQLQSGPDLVKPGASVKISKASGYSTGYIHWKQSHGKSLIEWIGRVPINNGGTSY 60
DB 1 EIQLOQSGPELVKPGASVKVSKASGYSTGYIHWKQSHGKSLIEWIGYIDPYNGGTTIY 60
QY 61 NQKFKGKATLTVDKSSSTAYMELRLSTSDSAVYYCAR--EGIY--WWGHGTTLTVS 114
DB 61 NQKFKGKATLTVDKSSSTAYMELRLSTSDSAVYYCARGEGYFYDYWGQGTTLTVSS 118

RESULT 10
US-09-647-468-153
/ Sequence 153, Application US/09647468
/ Patent No. 6677436
/ GENERAL INFORMATION:
/ APPLICANT: SATO, KOH
/ APPLICANT: ADACHI, HIDEKI
/ APPLICANT: YABUTA, NACHIRO
/ TITLE OF INVENTION: HUMANIZED ANTIBODY AGAINST HUMAN TISSUE FACTOR (TF) AND
/ FILE REFERENCE: 053466/0289
/ CURRENT APPLICATION NUMBER: US/09/647,468
/ PRIOR FILING DATE: 2000-09-29
/ PRIOR APPLICATION NUMBER: PCT/JP99/01768
/ PRIOR FILING DATE: 1999-04-02
/ PRIOR APPLICATION NUMBER: JP 10-91850
/ NUMBER OF SEQ ID NOS: 183
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 153
/ LENGTH: 137
/ TYPE: PRT
/ ORGANISM: Mus sp.
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Amino acid
/ OTHER INFORMATION: sequence coding for H chain V region of anti-TF
/ OTHER INFORMATION: mouse monoclonal antibody ATR-2
US-09-647-468-153

/ FILING DATE: 23-MAR-1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/216,534
/ FILING DATE: 23-MAR-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Ingolia, Diane E.
/ REGISTRATION NUMBER: 40,027
/ REFERENCE/DOCKET NUMBER: CASE-02280
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 705-8410
/ TELEFAX: (415) 397-8338
/ INFORMATION FOR SEQ ID NO: 25:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 301 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
US-09-217-847-25

Query Match          79.9%; Score 487.5; DB 3; Length 301;
Best Local Similarity 79.3%; Pred. No. 1.3e-39;
Matches 96; Conservative 5; Mismatches 13; Indels 7; Gaps 1;

QY 1 EVQLQSGPDLVKPGASVKISKASGYSTGYIHWKQSHGKSLIEWIGRVPINNGGTSY 60
DB 127 EVQLQSGPDLVKPGASVKISKASGYSTGYIHWKQSHGKSLIEWIGRVPINNGGTSY 186
QY 61 NQKFKGKATLTVDKSSSTAYMELRLSTSDSAVYYCAREGIY-----WWGHGTTLTVS 113
DB 187 NQKFKGKATLTVDKSSSTAYMELRLSTSDSAVYYCAREGIY-----WWGHGTTLTVS 246
QY 114 S 114
DB 247 S 247

RESULT 8
US-09-647-468-139
/ Sequence 139, Application US/09647468
/ Patent No. 6677436
/ GENERAL INFORMATION:
/ APPLICANT: SATO, KOH
/ APPLICANT: ADACHI, HIDEKI
/ APPLICANT: YABUTA, NACHIRO
/ TITLE OF INVENTION: HUMANIZED ANTIBODY AGAINST HUMAN TISSUE FACTOR (TF) AND
/ FILE REFERENCE: 053466/0289
/ CURRENT APPLICATION NUMBER: US/09/647,468
/ PRIOR FILING DATE: 2000-09-29
/ PRIOR APPLICATION NUMBER: PCT/JP99/01768
/ PRIOR FILING DATE: 1999-04-02
/ PRIOR APPLICATION NUMBER: JP 10-91850
/ NUMBER OF SEQ ID NOS: 183
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 139
/ LENGTH: 118
/ TYPE: PRT
/ ORGANISM: Mus sp.
/ FEATURE:
/ OTHER INFORMATION: Amino acid sequence of H chain V region of anti-TF
/ OTHER INFORMATION: mouse monoclonal antibody ATR-2
US-09-647-468-139

Query Match          79.8%; Score 487; DB 4; Length 118;
Best Local Similarity 80.5%; Pred. No. 5e-40;
Matches 95; Conservative 8; Mismatches 11; Indels 4; Gaps 2;

QY 1 EVQLQSGPDLVKPGASVKISKASGYSTGYIHWKQSHGKSLIEWIGRVPINNGGTSY 60
DB 1 EIQLOQSGPELVKPGASVKVSKASGYSTGYIHWKQSHGKSLIEWIGYIDPYNGGTTIY 60
QY 61 NQKFKGKATLTVDKSSSTAYMELRLSTSDSAVYYCAR--EGIY--WWGHGTTLTVS 114
DB 61 NQKFKGKATLTVDKSSSTAYMELRLSTSDSAVYYCARGEGYFYDYWGQGTTLTVSS 118

RESULT 10
US-09-647-468-153
/ Sequence 153, Application US/09647468
/ Patent No. 6677436
/ GENERAL INFORMATION:
/ APPLICANT: SATO, KOH
/ APPLICANT: ADACHI, HIDEKI
/ APPLICANT: YABUTA, NACHIRO
/ TITLE OF INVENTION: HUMANIZED ANTIBODY AGAINST HUMAN TISSUE FACTOR (TF) AND
/ FILE REFERENCE: 053466/0289
/ CURRENT APPLICATION NUMBER: US/09/647,468
/ PRIOR FILING DATE: 2000-09-29
/ PRIOR APPLICATION NUMBER: PCT/JP99/01768
/ PRIOR FILING DATE: 1999-04-02
/ PRIOR APPLICATION NUMBER: JP 10-91850
/ NUMBER OF SEQ ID NOS: 183
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 153
/ LENGTH: 137
/ TYPE: PRT
/ ORGANISM: Mus sp.
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Amino acid
/ OTHER INFORMATION: sequence coding for H chain V region of anti-TF
/ OTHER INFORMATION: mouse monoclonal antibody ATR-2
US-09-647-468-153
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Query Match      79.8%; Score 487; DB 4; Length 137;
Best Local Similarity 80.5%; Pred. No. 6e-40;
Matches 95; Conservative 8; Mismatches 11; Indels 4; Gaps 2;

QY 1 EVLOQSGDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVIPNNGTSY 60
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 20 EILOQSGDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVIPNNGTSY 79
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||

QY 61 NQKFKGKALITVDKSSSTAYMELRLSLTSDSAVYYCAR--EGIY--WVGHGTTLTSS 114
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 80 NQKFKGKALITVDKSSSTAFMHLNSLTSDSAVYYCARGGEGYFDYWGQTTLTSS 137
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||

RESULT 11
US-09-647-468-154
; Sequence 154, Application US/09647468
; Patent No. 6677436
; GENERAL INFORMATION:
; APPLICANT: SATO, KOH
; APPLICANT: ADACHI, HIDEKI
; APPLICANT: YABUTA, NAOHRO
; TITLE OF INVENTION: HUMANIZED ANTIBODY AGAINST HUMAN TISSUE FACTOR (TF) AND
; FILE REFERENCE: 053466/0289
; CURRENT APPLICATION NUMBER: US/09/647,468
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: PCT/JP99/01768
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: JP 10-91850
; PRIOR FILING DATE: 1998-04-03
; NUMBER OF SEQ ID NOS: 183
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 154
; LENGTH: 137
; TYPE: PRT
; ORGANISM: Mus sp.
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Amino acid
; OTHER INFORMATION: sequence coding for H chain V region of ant-TF
; OTHER INFORMATION: mouse monoclonal antibody ATR-3
US-09-647-468-154

Query Match      79.8%; Score 487; DB 4; Length 137;
Best Local Similarity 80.5%; Pred. No. 6e-40;
Matches 95; Conservative 8; Mismatches 11; Indels 4; Gaps 2;

QY 1 EVLOQSGDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVIPNNGTSY 60
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 20 EILOQSGDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVIPNNGTSY 79
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||

QY 61 NQKFKGKALITVDKSSSTAYMELRLSLTSDSAVYYCAR--EGIY--WVGHGTTLTSS 114
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 80 NQKFKGKALITVDKSSSTAFMHLNSLTSDSAVYYCARGGEGYFDYWGQTTLTSS 137
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||

RESULT 12
US-08-202-047-21
; Sequence 21, Application US/08202047
; Patent No. 580815
; GENERAL INFORMATION:
; APPLICANT: CHESNUT, Robert W.
; APPLICANT: POLLEY, Margaret J.
; APPLICANT: PAULSON, James C.
; APPLICANT: JONES, S. Tarran
; APPLICANT: SALDANHA, Jose W.
; APPLICANT: BENDIG, Mary M.
; TITLE OF INVENTION: Antibodies to P-Selectin and Their Uses
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourie and Crew
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco

```

```

; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/202,047
; FILING DATE: 25-FEB-1994
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M.
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 14137-77
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 128 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FEATURE:
; NAME/KEY: Protein
; LOCATION: 1..128
; OTHER INFORMATION: /label= MOUSE_IIA
; US-08-202-047-21

Query Match      79.5%; Score 485; DB 1; Length 128;
Best Local Similarity 74.2%; Pred. No. 8.6e-40;
Matches 95; Conservative 8; Mismatches 11; Indels 14; Gaps 1;

QY 1 EVLOQSGDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVIPNNGTSY 60
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Db 1 EVLOQSGDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVIPNNGTSY 60
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||

QY 61 NQKFKGKALITVDKSSSTAYMELRLSLTSDSAVYYCAREGIY-----WVGH 106
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 61 NQKFKGKALITVDKSSSTAYMQLSLTSDSAVYYCARGCYTSSVYVAXXYVAFDYWGQ 120
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QY 107 GTTLTVSS 114
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Db 121 GTTLTVSS 128
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RESULT 13
US-08-964-690-21
; Sequence 21, Application US/08964690
; Patent No. 6033667
; GENERAL INFORMATION:
; APPLICANT: CHESNUT, Robert W.
; APPLICANT: POLLEY, Margaret J.
; APPLICANT: PAULSON, James C.
; APPLICANT: JONES, S. Tarran
; APPLICANT: SALDANHA, Jose W.
; APPLICANT: BENDIG, Mary M.
; TITLE OF INVENTION: Antibodies to P-Selectin and Their Uses
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourie and Crew
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

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SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/964,690
FILING DATE: 18-JUL-1996
ATTORNEY/AGENT INFORMATION:
NAME: Goldman, Michael L.
REGISTRATION NUMBER: 30,727
REFERENCE/DOCKET NUMBER: 19603/1172
TELEPHONE: (716) 263-1304
TELEFAX: (716) 263-1600
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 115 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-838-682-8

Query Match 79.5%; Score 485; DB 3; Length 128;
Best Local Similarity 74.2%; Pred. No. 8.6e-40;
Matches 95; Conservative 8; Mismatches 11; Indels 14; Gaps 1;

QY 1 EVQLQSGPDLVKPGASVKISKASGYSTGYIHWVKQSHGKSLGWIGRVPNNGGTSY 60
Db 1 EVQLQSGPDLVKPGASVKISKASGYSTGYIHWVKQSHGKSLGWIGRVPNNGGTSY 60
QY 61 NQKFKGKAILTVDKSSSTAYMELRLSTSDSAVYYCAREGIY-----WWGH 106
Db 61 NQKFKGKAILTVDKSSSTAYMELRLSTSDSAVYYCAREGIYSSVMYKXXYYAFDYWGQ 120
QY 107 GTTLTVSS 114
Db 121 GTTVTVSS 128

RESULT 14
US-08-838-682-8
Sequence 8, Application US/08838682
Patent No. 6107090
GENERAL INFORMATION:
APPLICANT: Bander M.D., Neil H.
TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF PROSTATE
CANCER
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
STREET: Clinton Square, P.O. Box 1051
CITY: Rochester
STATE: New York
COUNTRY: U.S.A.
ZIP: 14603-1051
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,682
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/016,976
FILING DATE: 06-MAY-1996

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/022,125
FILING DATE: 18-JUL-1996
ATTORNEY/AGENT INFORMATION:
NAME: Goldman, Michael L.
REGISTRATION NUMBER: 30,727
REFERENCE/DOCKET NUMBER: 19603/1172
TELEPHONE: (716) 263-1304
TELEFAX: (716) 263-1600
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 115 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-838-682-8

Query Match 79.3%; Score 483.5; DB 3; Length 115;
Best Local Similarity 80.9%; Pred. No. 1.1e-39;
Matches 93; Conservative 8; Mismatches 13; Indels 1; Gaps 1;

QY 1 EVQLQSGPDLVKPGASVKISKASGYSTGYIHWVKQSHGKSLGWIGRVPNNGGTSY 60
Db 1 EVQLQSGPDLVKPGASVKISKASGYSTGYIHWVKQSHGKSLGWIGRVPNNGGTSY 60
QY 61 NQKFKGKAILTVDKSSSTAYMELRLSTSDSAVYYCAREGIY-WWGHGTTTLTVSS 114
Db 61 NQKFKGKAILTVDKSSSTAYMELRLSTSDSAVYYCAREGIY-WWGHGTTTLTVSS 115

RESULT 15
US-08-895-914-8
Sequence 8, Application US/08895914
Patent No. 6136311
GENERAL INFORMATION:
APPLICANT: Bander, Neil H.
TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
STREET: Clinton Square, P.O. Box 1051
CITY: Rochester
STATE: New York
COUNTRY: U.S.A.
ZIP: 14603-1051
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/895,914
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/016,976
FILING DATE: 06-MAY-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/022,125
FILING DATE: 18-JUL-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/838,682
FILING DATE: 09-APR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Goldman, Michael L.
REGISTRATION NUMBER: 30,727
REFERENCE/DOCKET NUMBER: 19603/1173
TELEPHONE: (716) 263-1304
TELEFAX: (716) 263-1600
INFORMATION FOR SEQ ID NO: 8:

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; SEQUENCE CHARACTERISTICS:
; LENGTH: 115 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-895-914-8

Query Match      79.3%; Score 483.5; DB 3; Length 115;
Best Local Similarity 80.9%; Pred. No. 1.1e-39;
Matches 93; Conservative 8; Mismatches 13; Indels 1; Gaps 1;

QY 1 EVQLQSGPDLVPGASVKISCKASGYSTGYIHWVKQSHGKSLIEWIGRVIIPNNGTSY 60
Db 1 EVQLQSGPELVKPGTSTVRICTSGITFTYIHWVKQSHGKSLIEWINPNNGGITY 60

QY 61 NQKFKGKAILTVDKSSSTAYMELRLSLTSEDSAVYYCAREGIY-WMHHGHTLTVSS 114
Db 61 NQKFEDKATLTVDKSSSTAYMELRLSLTSEDSAVYYCAAGWNFDYWGQGTTLTVSS 115
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Job time : 47.4348 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 18, 2004, 05:21:14 ; Search time 179.674 Seconds
(without alignments)
224.688 Million cell updates/sec

Title: US-09-328-296-7
Perfect score: 610
Sequence: 1 EVOLQSGPLVKPGASVKI.....YCARSGIYVWGHGTTITVSS 114

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Gapop 10.0 , Gapext 0.5

Searched: 1570615 seqs, 354127592 residues

Total number of hits satisfying chosen parameters: 1570615

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:
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2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
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17: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
18: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep.*
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20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	504	82.6	243	16	US-10-334-235-37
2	504	82.6	488	16	US-10-334-235-39
3	504	82.6	600	16	US-10-334-235-38
4	494	81.0	672	10	US-09-900-766-1
5	487	79.8	118	15	US-10-462-062-139
6	487	79.8	118	15	US-10-462-062-140
7	487	79.8	137	15	US-10-462-062-153
8	487	79.8	137	15	US-10-462-062-154
9	483.5	79.3	115	10	US-09-929-665-8
10	483.5	79.3	115	10	US-09-929-546-8
11	483.5	79.3	130	10	US-09-929-665-4
12	483.5	79.3	130	10	US-09-929-546-4
13	480.5	78.8	136	16	US-10-768-193-7
					Sequence 37, Appl
					Sequence 39, Appl
					Sequence 38, Appl
					Sequence 1, Appl
					Sequence 139, App
					Sequence 140, App
					Sequence 153, App
					Sequence 154, App
					Sequence 8, Appl
					Sequence 4, Appl
					Sequence 4, Appl
					Sequence 7, Appl

14	480.5	78.8	264	14	US-10-114-716A-46	Sequence 46, Appl
15	479.5	78.6	121	17	US-10-789-080-7	Sequence 7, Appl
16	477.5	78.3	115	14	US-10-160-506-19	Sequence 19, Appl
17	477.5	78.3	115	16	US-10-449-379-19	Sequence 15, Appl
18	477.5	78.3	115	16	US-10-688-015-19	Sequence 15, Appl
19	477.5	78.3	115	17	US-10-160-505-19	Sequence 15, Appl
20	477	78.2	116	14	US-10-389-155-15	Sequence 15, Appl
21	477	78.2	116	15	US-10-389-417-15	Sequence 15, Appl
22	477	78.2	116	15	US-10-452-357-56	Sequence 56, Appl
23	477	78.2	135	14	US-10-389-155-60	Sequence 60, Appl
24	477	78.2	135	15	US-10-389-417-60	Sequence 69, Appl
25	477	78.2	135	15	US-10-452-357-69	Sequence 5, Appl
26	475.5	78.0	121	14	US-10-422-049-5	Sequence 28, Appl
27	475	77.9	139	15	US-10-365-123-28	Sequence 20, Appl
28	474.5	77.8	125	10	US-09-929-665-20	Sequence 20, Appl
29	474.5	77.8	125	10	US-09-929-546-20	Sequence 79, Appl
30	474.5	77.8	125	14	US-10-160-506-79	Sequence 79, Appl
31	474.5	77.8	125	16	US-10-449-379-79	Sequence 79, Appl
32	474.5	77.8	125	16	US-10-688-015-79	Sequence 2, Appl
33	474.5	77.8	125	17	US-10-160-505-79	Sequence 2, Appl
34	474	77.7	152	16	US-10-642-120-2	Sequence 2, Appl
35	474	77.7	152	16	US-10-642-060-2	Sequence 2, Appl
36	474	77.7	152	16	US-10-642-122-2	Sequence 2, Appl
37	474	77.7	152	16	US-10-642-124-2	Sequence 2, Appl
38	474	77.7	152	16	US-10-621-369-2	Sequence 2, Appl
39	474	77.7	152	16	US-10-620-850-2	Sequence 2, Appl
40	474	77.7	152	17	US-10-642-118-2	Sequence 2, Appl
41	474	77.7	152	17	US-10-642-117-2	Sequence 2, Appl
42	474	77.7	152	17	US-10-642-119-2	Sequence 2, Appl
43	474	77.7	152	17	US-10-642-099-2	Sequence 2, Appl
44	473	77.5	120	15	US-10-372-719-2	Sequence 2, Appl
45	471.5	77.3	117	15	US-10-383-447-14	Sequence 14, Appl

ALIGNMENTS

RESULT 1

US-10-334-235-37
; Sequence 37, Application US/10334235
; Publication No. US20040131591A1
; GENERAL INFORMATION:
; APPLICANT: Oxford Biomedica (UK) Ltd.
; APPLICANT: Kingsman, Alan
; APPLICANT: Bebbington, Christopher
; APPLICANT: Carroll, Miles
; APPLICANT: Ellard, Fiona
; APPLICANT: Kingsman, Susan
; APPLICANT: Myer, Kevin
; APPLICANT: Lamikandra, Abigail
; TITLE OF INVENTION: VECTOR SYSTEM
; FILE REFERENCE: 532682000920
; CURRENT APPLICATION NUMBER: US/10/334,235
; CURRENT FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US 10/060,585
; PRIOR FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: PCT/GB00/04317
; PRIOR FILING DATE: 2000-11-13
; PRIOR APPLICATION NUMBER: US 09/445,375
; PRIOR FILING DATE: 1998-06-04
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 37
; LENGTH: 243
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: mature secreted protein of 574 scFv, designated
; OTHER INFORMATION: 574scFv.1
US-10-334-235-37

Query Match 82.6%; Score 504; DB 16; Length 243;
Best Local Similarity 81.7%; Pred. No. 8.9e-40;

Matches 98; Conservative 7; Mismatches 9; Indels 6; Gaps 1;
QY 1 EVLOQSGPDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVPNNGGTSY 60
Db 1 EVLOQSGPDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVPNNGGTSY 60
QY 61 NQKFKGKAILTVDKSSSTAYMELSLTSDSAVYVCAREGIY-----WGHGTTLTVSS 114
Db 61 NQKFKGKAILTVDKSSSTAYMELSLTSDSAVYVCAREGIY-----WGHGTTLTVSS 120

RESULT 2

US-10-334-235-39
; Sequence 39, Application US/10334235
; Publication No. US20040131591A1
; GENERAL INFORMATION:
; APPLICANT: Oxford Biomedica (UK) Ltd.
; APPLICANT: Kingsman, Alan
; APPLICANT: Bebbington, Christopher
; APPLICANT: Carroll, Miles
; APPLICANT: Ellard, Fiona
; APPLICANT: Kingsman, Susan
; APPLICANT: Myers, Kevin
; APPLICANT: Lamikandra, Abigail
; TITLE OF INVENTION: VECTOR SYSTEM
; FILE REFERENCE: 53268200920
; CURRENT APPLICATION NUMBER: US/10/334,235
; PRIOR FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US 10/060,585
; PRIOR FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: PCT/GB00/04317
; PRIOR FILING DATE: 2000-11-13
; PRIOR APPLICATION NUMBER: US 09/445,375
; PRIOR FILING DATE: 1998-06-04
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 39
; LENGTH: 488
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: peptide of B7-1.5T4.1
US-10-334-235-39

Query Match 82.6%; Score 504; DB 16; Length 488;
Best Local Similarity 81.7%; Pred. No. 1.9e-39;
Matches 98; Conservative 7; Mismatches 9; Indels 6; Gaps 1;
QY 1 EVLOQSGPDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVPNNGGTSY 60
Db 247 EVLOQSGPDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVPNNGGTSY 306
QY 61 NQKFKGKAILTVDKSSSTAYMELSLTSDSAVYVCAREGIY-----WGHGTTLTVSS 114
Db 307 NQKFKGKAILTVDKSSSTAYMELSLTSDSAVYVCAREGIY-----WGHGTTLTVSS 366

RESULT 3

US-10-334-235-38
; Sequence 38, Application US/10334235
; Publication No. US20040131591A1
; GENERAL INFORMATION:
; APPLICANT: Oxford Biomedica (UK) Ltd.
; APPLICANT: Kingsman, Alan
; APPLICANT: Bebbington, Christopher
; APPLICANT: Carroll, Miles
; APPLICANT: Ellard, Fiona
; APPLICANT: Kingsman, Susan
; APPLICANT: Myers, Kevin
; APPLICANT: Lamikandra, Abigail
; TITLE OF INVENTION: VECTOR SYSTEM
; FILE REFERENCE: 53268200920
; CURRENT APPLICATION NUMBER: US/10/334,235

; CURRENT FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US 10/060,585
; PRIOR FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: PCT/GB00/04317
; PRIOR FILING DATE: 2000-11-13
; PRIOR APPLICATION NUMBER: US 09/445,375
; PRIOR FILING DATE: 1998-06-04
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 38
; LENGTH: 600
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: peptide of 5T4Sab1
US-10-334-235-38

Query Match 82.6%; Score 504; DB 16; Length 600;
Best Local Similarity 81.7%; Pred. No. 2.4e-39;
Matches 98; Conservative 7; Mismatches 9; Indels 6; Gaps 1;
QY 1 EVLOQSGPDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVPNNGGTSY 60
Db 23 EVLOQSGPDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVPNNGGTSY 82
QY 61 NQKFKGKAILTVDKSSSTAYMELSLTSDSAVYVCAREGIY-----WGHGTTLTVSS 114
Db 83 NQKFKGKAILTVDKSSSTAYMELSLTSDSAVYVCAREGIY-----WGHGTTLTVSS 142

RESULT 4

US-09-900-766-1
; Sequence 1, Application US/09900766
; Publication No. US20030039655A1
; GENERAL INFORMATION:
; APPLICANT: FORSBERG, GORAN
; APPLICANT: ERLANDSSON, EVA
; APPLICANT: ANTONSSON, PER
; APPLICANT: WALSE, BJORN
; TITLE OF INVENTION: A NOVEL ENGINEERED SUPERANTIGEN FOR HUMAN THERAPY
; FILE REFERENCE: P021880S0104199
; CURRENT APPLICATION NUMBER: US/09/900,766
; CURRENT FILING DATE: 2001-07-06
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 672
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(672)
; OTHER INFORMATION: Conjugate protein
US-09-900-766-1

Query Match 81.0%; Score 494; DB 10; Length 672;
Best Local Similarity 80.0%; Pred. No. 2.4e-38;
Matches 96; Conservative 7; Mismatches 11; Indels 6; Gaps 1;

QY 1 EVLOQSGPDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVPNNGGTSY 60
Db 1 EVLOQSGPDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVPNNGGTSY 60
QY 61 NQKFKGKAILTVDKSSSTAYMELSLTSDSAVYVCAREGIY-----WGHGTTLTVSS 114
Db 61 NQKFKGKAILTVDKSSSTAYMELSLTSDSAVYVCAREGIY-----WGHGTTLTVSS 120

RESULT 5

US-10-462-062-139
; Sequence 139, Application US/10462062
; Publication No. US20040044187A1
; GENERAL INFORMATION:


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; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 130
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-929-546-4

Query Match
Best Local Similarity 79.3%; Score 483.5; DB 10; Length 130;
Matches 93; Conservative 8; Mismatches 13; Indels 1; Gaps 1;

QY 1 EVQLQSSGPDLVKPGASVKISCKASGYFTGYIHWVKQSHGKSLIEWIGRVIPIPNNGTSY 60
Db 11 EVQLQSSGPELVKPGTISVRISCKTSGYTFTEYIHWVKQSHGKSLIEWIGNINNGTYY 70
QY 61 NQKFKGKAILTVDKSSSTAYMELRLTSEDSAVVYCAREGIY-WVGHGTTLTVSS 114
Db 71 NQKFPDKATLTVDKSSSTAYMELRLTSEDSAVVYCAAGWNFYWGQGTTLTVSS 125

RESULT 13
US-10-768-193-7
; Sequence 7, Application US/10768193
; Publication No. US20040181042A1
; GENERAL INFORMATION:
; APPLICANT: MEDICAL & BIOLOGICAL LABORATORIES CO., LTD.
; APPLICANT: The director of Chubu National Hospital
; APPLICANT: YANAGISAWA, Katsuhiko
; APPLICANT: SHIBATA, Masao
; TITLE OF INVENTION: Antibody recognizing GM1 ganglioside-bound
; TITLE OF INVENTION: amyloid b-protein and DNA encoding the antibody
; FILE REFERENCE: P0102402
; CURRENT APPLICATION NUMBER: US/10/768,193
; CURRENT FILING DATE: 2004-02-02
; PRIOR APPLICATION NUMBER: JP P2001-235700
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: PCT/JP02/07874
; PRIOR FILING DATE: 2002-08-01
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 136
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-768-193-7

Query Match
Best Local Similarity 78.8%; Score 480.5; DB 16; Length 136;
Matches 95; Conservative 4; Mismatches 14; Indels 5; Gaps 2;

QY 1 EVQLQSSGPDLVKPGASVKISCKASGYFTGYIHWVKQSHGKSLIEWIGRVIPIPNNGTSY 60
Db 20 EVQLQSSGPELVKGTASVKISCKASGYFTGYIHWVKQSHGKSLIEWIGVISCNGATSY 79
QY 61 NQKFKGKAILTVDKSSSTAYMELRLTSEDSAVVYCAREGIYW----WGHGTTLTVSS 114
Db 80 NQKFKGKATFTVDTSSSTAYMQFNLTSEDSAVVYCAR-GANWVFDYWGQGTTLTVSS 136

RESULT 14
US-10-114-716A-46
; Sequence 46, Application US/10114716A
; Publication No. US20030078203A1
; GENERAL INFORMATION:
; APPLICANT: Sudhir Paul
; APPLICANT: Yasuhiro Nishiyama
; TITLE OF INVENTION: Covalently Reactive Transition State
; TITLE OF INVENTION: Analogs and Methods of Use Thereof
; FILE REFERENCE: UTH001HB
; CURRENT APPLICATION NUMBER: US/10/114,716A
; CURRENT FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: 09/862,849
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; PRIOR FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: 09/046,373
; PRIOR FILING DATE: 1998-03-23
; PRIOR APPLICATION NUMBER: 60/280,624
; PRIOR FILING DATE: 2001-03-31
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 46
; LENGTH: 264
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-114-716A-46

Query Match
Best Local Similarity 78.8%; Score 480.5; DB 14; Length 264;
Matches 92; Conservative 9; Mismatches 13; Indels 1; Gaps 1;

QY 1 EVQLQSSGPDLVKPGASVKISCKASGYFTGYIHWVKQSHGKSLIEWIGRVIPIPNNGTSY 60
Db 1 QVQLQSSGPELVKPGASVKISCKASGYFTDYMWDVKQSHGKSLIEWIGYIPNNGGTGY 60
QY 61 NQKFKGKAILTVDKSSSTAYMELRLTSEDSAVVYCAREGIY-WVGHGTTLTVSS 114
Db 61 NQKFKSKATLTVDKSSSTAYMELHSLTSEDSAVVYCARFSSFDYWGQGTTLTVSS 115

RESULT 15
US-10-789-090-7
; Sequence 7, Application US/10789090
; Publication No. US20040223970A1
; GENERAL INFORMATION:
; APPLICANT: Afar, Debbie
; APPLICANT: Law, Debbie
; TITLE OF INVENTION: ANTIBODIES AGAINST SLC15A2 AND USES THEREOF
; FILE REFERENCE: 05882.0192.NFUS01
; CURRENT APPLICATION NUMBER: US/10/789,090
; CURRENT FILING DATE: 2004-02-27
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7
; LENGTH: 121
; TYPE: PRT
; ORGANISM: Homo Sapiens
US-10-789-090-7

Query Match
Best Local Similarity 76.6%; Score 479.5; DB 17; Length 121;
Matches 92; Conservative 10; Mismatches 12; Indels 7; Gaps 1;

QY 1 EVQLQSSGPDLVKPGASVKISCKASGYFTGYIHWVKQSHGKSLIEWIGRVIPIPNNGTSY 60
Db 1 EVQLQSSGPELVKPGASVKISCKASGYFTGYTMWVKQSHGKSLIEWIGLINPYNGGINY 60
QY 61 NQKFKGKATLTVDKSSSTAYMELRLTSEDSAVVYCAREGIY-----WVGHGTTLTVSS 113
Db 61 NQKFKGKATLTVDKSSSTAYMELSLTSEDSAVVYCTTRAYGNYGTMWDYWGQGTISVTVS 120
QY 114 S 114
Db 121 S 121
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Search completed: November 18, 2004, 06:01:27
Job time : 182.674 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 18, 2004, 05:16:17 ; Search time 2.3913 Seconds
(without alignments)
166.398 Million cell updates/sec

Title: US-09-328-296-8

Perfect score: 37

Sequence: 1 TGYIYH 6

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA.*

- 1: /cgm2_6/ptodata/1/iaa/5A_COMB.pep.*
- 2: /cgm2_6/ptodata/1/iaa/5B_COMB.pep.*
- 3: /cgm2_6/ptodata/1/iaa/6A_COMB.pep.*
- 4: /cgm2_6/ptodata/1/iaa/6B_COMB.pep.*
- 5: /cgm2_6/ptodata/1/iaa/PCTUS_COMB.pep.*
- 6: /cgm2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	34	91.9	114	2	US-08-888-366-8
2	34	91.9	117	3	US-08-545-809A-90
3	34	91.9	123	1	US-08-477-877B-94
4	34	91.9	123	2	US-08-472-281A-94
5	34	91.9	123	2	US-08-477-989B-94
6	34	91.9	124	3	US-08-257-069-2
7	34	91.9	243	1	US-08-230-843-4
8	34	91.9	243	2	US-08-636-936-4
9	33	89.2	126	4	US-09-914-695-10
10	32	86.5	264	4	US-09-270-767-43548
11	32	86.5	288	3	US-09-423-439-38
12	32	86.5	445	1	US-08-353-400-33
13	32	86.5	464	1	US-08-353-400-36
14	32	86.5	585	3	US-09-370-807-4
15	32	86.5	585	4	US-09-921-259-4
16	32	86.5	609	4	US-09-248-796A-19292
17	32	86.5	611	3	US-09-370-807-2
18	32	86.5	611	4	US-09-921-259-2
19	32	86.5	673	3	US-09-423-439-32
20	31	83.8	116	2	US-08-561-821-41
21	31	83.8	116	5	PCT-US95-01219-41
22	31	83.8	135	1	US-08-137-117D-27
23	31	83.8	135	1	US-08-137-117D-27
24	31	83.8	135	1	US-08-137-117D-100
25	31	83.8	135	1	US-08-137-117D-102
26	31	83.8	135	1	US-08-137-117D-112
27	31	83.8	135	2	US-08-436-717-27
					Sequence 100, Appl

28	31	83.8	135	2	US-08-436-717-102	Sequence 102, Appl
29	31	83.8	135	2	US-08-436-717-112	Sequence 112, Appl
30	31	83.8	304	4	US-09-270-767-41584	Sequence 41584, A
31	31	83.8	308	4	US-09-252-991A-24129	Sequence 24129, A
32	31	83.8	521	4	US-09-489-039A-13392	Sequence 13392, A
33	30	81.1	81	4	US-09-513-999C-4211	Sequence 4211, Ap
34	30	81.1	94	4	US-09-252-991A-31551	Sequence 31551, A
35	30	81.1	275	2	US-08-645-193B-19	Sequence 19, Appl
36	30	81.1	421	3	US-09-239-303-2	Sequence 2, Appli
37	30	81.1	460	4	US-09-248-796A-17144	Sequence 17144, A
38	30	81.1	490	4	US-09-543-681A-7938	Sequence 7938, Ap
39	30	81.1	508	4	US-09-489-039A-7887	Sequence 7887, Ap
40	30	81.1	511	4	US-09-328-352-6176	Sequence 6176, Ap
41	30	81.1	557	2	US-08-793-229-33	Sequence 33, Appl
42	30	81.1	557	3	US-09-285-957-33	Sequence 33, Appl
43	30	81.1	557	4	US-08-962-281-4	Sequence 4, Appli
44	30	81.1	586	4	US-09-538-092-522	Sequence 522, App
45	30	81.1	846	1	US-07-731-157A-5	Sequence 5, Appli

ALIGNMENTS

RESULT 1
US-08-888-366-8
; Sequence 8, Application US/08888366
; Patent No. 5972656
; GENERAL INFORMATION:
; APPLICANT: Lopez, Osvaldo
; APPLICANT: Wylie, Deane E.
; APPLICANT: Wagner, Fred W.
; TITLE OF INVENTION: Mercury Binding Polypeptides and Nucleotides Coding Therefore
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merchant & Gould
; STREET: 90 South 7th Street, 3100 No. 5972656west Ctr.
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/888,366
; FILING DATE: 03-JUL-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/187,407
; FILING DATE: 27-JAN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/990,542
; FILING DATE: 14-DEC-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/493,299
; FILING DATE: 14-MAR-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/324,392
; FILING DATE: 14-MAR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Carter, Charles G.
; REGISTRATION NUMBER: 35,093
; REFERENCE/DOCKET NUMBER: 8648.39USC1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-332-5300
; TELEFAX: 612-332-9081
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 114 amino acids
; TYPE: amino acid
; TOPOLOGY: linear

NUMBER OF SEQUENCES: 96
CORRESPONDENCE ADDRESS:
ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
ADDRESSEE: Cecchi, Stewart & Olstein
STREET: 6 Becker Farm Road
CITY: Roseland
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07068

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/477,877B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/407,009
FILING DATE: 29-MAR-1995
APPLICATION NUMBER: 08/119,032
FILING DATE: 09-SEP-1993
APPLICATION NUMBER: 08/027,008
FILING DATE: 05-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Olstein, Elliot M.
REGISTRATION NUMBER: 24,025
REFERENCE/DOCKET NUMBER: 61750-146
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 94:
SEQUENCE CHARACTERISTICS:
LENGTH: 123 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: polypeptide
FEATURE:
NAME/KEY: Human Amu 5-3 heavy chain variable region.

Query Match 91.9%; Score 34; DB 1; Length 123;
Best Local Similarity 83.3%; Pred. No. 23;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

1 TGYVH 6
30 TGYVH 35

US-08-477-877B-94

RESULT 4
US-08-472-281A-94
Sequence 94, Application US/08472281A
Patent No. 5817311
GENERAL INFORMATION:
APPLICANT: Bazin, Herv
APPLICANT: Latimer, Dominique
TITLE OF INVENTION: LO-CD2a Antibody and Uses Thereof for Inhibiting T-Cell Activation
NUMBER OF SEQUENCES: 96
CORRESPONDENCE ADDRESS:
ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
ADDRESSEE: Cecchi, Stewart & Olstein
STREET: 6 Becker Farm Road
CITY: Roseland
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07068

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS

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; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,281A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/407,009
; FILING DATE: 29-MAR-1995
; APPLICATION NUMBER: 08/119,032
; FILING DATE: 09-SEP-1993
; APPLICATION NUMBER: 08/027,008
; FILING DATE: 05-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Olstein, Elliot M.
; REGISTRATION NUMBER: 24,025
; REFERENCE/DOCKET NUMBER: 61750-142
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 94:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 123 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: polypeptide
; FEATURE:
; NAME/KEY: Human Amu 5-3 heavy chain variable region.
; US-08-472-281A-94

Query Match          91.9%; Score 34; DB 2; Length 123;
Best Local Similarity 83.3%; Pred. No. 23;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYIYH 6
DB 30 TGYIYH 35

```

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RESULT 5
US-08-477-989B-94
; Sequence 94, Application US/08477989B
; Patent No. 5951983
; GENERAL INFORMATION:
; APPLICANT: Bazin, Herv
; APPLICANT: Latinne, Dominique
; APPLICANT: Kaplan, Ruth
; APPLICANT: Kieber-Emmons, Thomas
; APPLICANT: Postema, Christina E.
; APPLICANT: White-Scharf, Mary
; TITLE OF INVENTION: LO-CD2a Antibody and Uses
; TITLE OF INVENTION: Thereof for Inhibiting
; TITLE OF INVENTION: T-Cell Activation and
; TITLE OF INVENTION: Proliferation
; NUMBER OF SEQUENCES: 96
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
; ADDRESSEE: Cecchi, Stewart & Olstein
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,989B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:

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; APPLICATION NUMBER: 08/407,009
; FILING DATE: 29-MAR-1995
; APPLICATION NUMBER: 08/119,032
; FILING DATE: 09-SEP-1993
; APPLICATION NUMBER: 08/027,008
; FILING DATE: 05-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Olstein, Elliot M.
; REGISTRATION NUMBER: 24,025
; REFERENCE/DOCKET NUMBER: 61750-147
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 94:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 123 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: polypeptide
; FEATURE:
; NAME/KEY: Human Amu 5-3 heavy chain variable
; US-08-477-989B-94

Query Match          91.9%; Score 34; DB 2; Length 123;
Best Local Similarity 83.3%; Pred. No. 23;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYIYH 6
DB 30 TGYIYH 35

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RESULT 6
US-09-257-069-2
; Sequence 2, Application US/09257069
; Patent No. 6348580
; GENERAL INFORMATION:
; APPLICANT: Medical & Biological Laboratories Co., Ltd.
; TITLE OF INVENTION: Monoclonal Antibody Specific for
; TITLE OF INVENTION: Phosphatidylinositol-3,4,5-Triphosphate
; FILE REFERENCE: M3-008-US
; CURRENT APPLICATION NUMBER: US/09/257,069
; CURRENT FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: JP 1998-252921
; PRIOR FILING DATE: 1998-09-07
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 124
; TYPE: PRT
; ORGANISM: Mus musculus
; US-09-257-069-2

Query Match          91.9%; Score 34; DB 3; Length 124;
Best Local Similarity 83.3%; Pred. No. 23;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYIYH 6
DB 30 TGYIYH 35

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RESULT 7
US-08-230-843-4
; Sequence 4, Application US/08230843
; Patent No. 5582826
; GENERAL INFORMATION:
; APPLICANT: SHIMAMURA, TOSHIRO
; APPLICANT: HAMURO, JUNJI
; APPLICANT: NAKAZAWA, HARUMI
; APPLICANT: KANAYAMA, YUKA

```

us-09-328-296-8-rai

Thu Nov 18 06:37:18 2004

APPLICANT: SUGAMURA, KAZUO
APPLICANT: TAKESHITA, TOSHIKAZU
TITLE OF INVENTION: IMMUNOSUPPRESSANT
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
ADDRESS: P.C.
STREET: 1755 S. Jefferson Davis Highway, Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/230,843
FILING DATE: 21-APR-1994
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 094491/1993
FILING DATE: 21-APR-1993
APPLICATION DATA:
APPLICATION NUMBER: JP 036065/1994
FILING DATE: 07-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5856140man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 0010-0674-0X
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OPAT UR

INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 243 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-230-843-4

Query Match 91.9%; Score 34; DB 1; Length 243;
Best Local Similarity 83.3%; Pred. No. 46;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 TGYTH 6
DB 152 TGYMH 157

RESULT 8
US-08-636-936-4
Sequence 4, Application US/08636936
Patent No. 5856140
GENERAL INFORMATION:
APPLICANT: SHIMAMURA, TOSHIRO
APPLICANT: HAMURO, JUNJI
APPLICANT: NAKAZAWA, HARUMI
APPLICANT: KANAYAMA, YUKA
APPLICANT: SUGAMURA, KAZUO
APPLICANT: TAKESHITA, TOSHIKAZU
TITLE OF INVENTION: IMMUNOSUPPRESSANT
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
ADDRESS: P.C.
STREET: 1755 S. Jefferson Davis Highway, Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/636,936
FILING DATE: 24-APR-1996
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/230,843
FILING DATE: 21-APR-1994
APPLICATION NUMBER: JP 094491/1993
FILING DATE: 21-APR-1993
APPLICATION DATA:
APPLICATION NUMBER: JP 036065/1994
FILING DATE: 07-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5856140man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 0010-0674-0X
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 243 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-636-936-4

Query Match 91.9%; Score 34; DB 2; Length 243;
Best Local Similarity 83.3%; Pred. No. 46;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 TGYTH 6
DB 152 TGYMH 157

RESULT 9
US-09-914-695-10
Sequence 10, Application US/09914695
Patent No. 6706487
GENERAL INFORMATION:
APPLICANT: Abdel-Meguid, Sherin
APPLICANT: Ho, Yen Sen
APPLICANT: Holmes, Stephen D.
APPLICANT: Taylor, Alexander H.
TITLE OF INVENTION: Recombinant IL-18 Antagonists Useful in
Treatment of IL-18 Mediated Disorders
FILE REFERENCE: P50897
CURRENT APPLICATION NUMBER: US/09/914,695
CURRENT FILING DATE: 2001-08-31
PRIOR APPLICATION NUMBER: PCT/US00/07349
PRIOR FILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: 60/125,299
PRIOR FILING DATE: 1999-03-19
NUMBER OF SEQ ID NOS: 48
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 10
LENGTH: 126
TYPE: PRT
ORGANISM: Rattus norvegicus
US-09-914-695-10
Query Match 89.2%; Score 33; DB 4; Length 126;
Best Local Similarity 83.3%; Pred. No. 37;
Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1 TGYTH 6

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Db      30 TGYIFH 35
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Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 TGYVIH 6
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Db      130 TGYVIH 135
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RESULT 11
US-09-423-439-38
; Sequence 38, Application US/09423439
; Patent No. 6339070
; GENERAL INFORMATION:
; APPLICANT: EMERY, Stephen Charles
; BLAKEY, David Charles
; TITLE OF INVENTION: CHEMICAL COMPOUNDS
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pillsbury Winthrop, L.L.P.
; STREET: 1100 New York Ave., N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MS Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/423 439
; FILING DATE: 09-No. 6339070-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB98/01294
; FILING DATE: 05-MAY-1998
; APPLICATION NUMBER: GB 9709421.3
; FILING DATE: 10-MAY-1997
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 288 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 38:

US-09-423-439-38
Query Match      86.5%; Score 32; DB 3; Length 288;
Best Local Similarity 83.3%; Pred. No. 1.3e+02;

Db      30 TGYIFH 35
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Query Match      86.5%; Score 32; DB 1; Length 445;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 TGYVIH 6
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Db      52 TGYVIH 57
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RESULT 12
US-08-353-400-33
; Sequence 33, Application US/08353400
; Patent No. 5665357
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: PROTEINS
; NUMBER OF SEQUENCES: 37
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/353,400
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9324819.3
; FILING DATE: 03-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9411089.7
; FILING DATE: 03-JUN-1994
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 445 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-353-400-33

Query Match      86.5%; Score 32; DB 1; Length 445;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 TGYVIH 6
      |||||
Db      30 TGYVIH 35
      |||||

RESULT 13
US-08-353-400-36
; Sequence 36, Application US/08353400
; Patent No. 5665357
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: PROTEINS
; NUMBER OF SEQUENCES: 37
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/353,400
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9324819.3
; FILING DATE: 03-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9411089.7
; FILING DATE: 03-JUN-1994
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:

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; LENGTH: 464 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-353-400-36

Query Match 86.5%; Score 32; DB 1; Length 464;
Best Local Similarity 83.3%; Pred. No. 2.1e+02;

Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYIYH 6
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DB 49 TGYWIH 54

RESULT 14

US-09-370-807-4

; Sequence 4, Application US/09370807
; Patent No. 6297034
; GENERAL INFORMATION:
; APPLICANT: Cahoon, Rebecca E.
; APPLICANT: Falco, S. Carl
; APPLICANT: Rafalski, J. Antoni
; APPLICANT: Sakai, Hajime
; TITLE OF INVENTION: N-End Rule Pathway Enzymes
; FILE REFERENCE: BB-1199
; CURRENT APPLICATION NUMBER: US/09/370,807
; CURRENT FILING DATE: 1999-08-09
; EARLIER APPLICATION NUMBER: 60/096,225
; EARLIER FILING DATE: August 12, 1998
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 4
; LENGTH: 585
; TYPE: PRT
; ORGANISM: Triticum aestivum
US-09-370-807-4

Query Match 86.5%; Score 32; DB 3; Length 585;

Best Local Similarity 100.0%; Pred. No. 2.7e+02;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GYIYH 6
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DB 409 GYIYH 413

RESULT 15

US-09-921-259-4
; Sequence 4, Application US/09921259
; Patent No. 6465234
; GENERAL INFORMATION:
; APPLICANT: Cahoon, Rebecca E.
; APPLICANT: Falco, S. Carl
; APPLICANT: Rafalski, J. Antoni
; APPLICANT: Sakai, Hajime
; TITLE OF INVENTION: N-End Rule Pathway Enzymes
; FILE REFERENCE: BB-1199
; CURRENT APPLICATION NUMBER: US/09/921,259
; CURRENT FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/096,225
; PRIOR FILING DATE: August 12, 1998
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 4
; LENGTH: 585
; TYPE: PRT
; ORGANISM: Triticum aestivum
US-09-921-259-4

Query Match 86.5%; Score 32; DB 4; Length 585;

Best Local Similarity 100.0%; Pred. No. 2.7e+02;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GYIYH 6
|||
DB 409 GYIYH 413

Search completed: November 18, 2004, 05:25:41
Job time : 3.3913 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 18, 2004, 05:21:14 ; Search time 9.45652 Seconds
(without alignments)
224.688 Million cell updates/sec

Title: US-09-328-296-8

Perfect score: 37
Sequence: 1 TGYIYH 6

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1570615 seqs, 354127592 residues

Total number of hits satisfying chosen parameters: 1570615

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:*

- 1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep.*
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- 9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep.*
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- 11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
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- 13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
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- 15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/1/pubpaa/US10D_PUBCOMB.pep.*
- 17: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep.*
- 19: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
- 20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	37	100.0	18	10	US-09-880-748-2964
2	37	100.0	18	14	US-10-293-418-1846
3	37	100.0	241	10	US-09-880-748-1948
4	37	100.0	241	14	US-10-293-418-1948
5	37	100.0	253	10	US-09-880-748-1003
6	37	100.0	253	10	US-09-880-748-1007
7	37	100.0	253	14	US-10-293-418-1003
8	37	100.0	253	14	US-10-293-418-1007
9	36	97.3	20	10	US-09-880-748-2743
10	36	97.3	20	14	US-10-293-418-2743
11	36	97.3	252	10	US-09-880-748-1394
12	36	97.3	252	14	US-10-293-418-1394
13	36	97.3	254	10	US-09-880-748-1846

14	36	97.3	254	14	US-10-293-418-1846	Sequence 1846, Ap
15	36	97.3	255	10	US-09-880-748-1849	Sequence 1849, Ap
16	36	97.3	255	14	US-10-293-418-1849	Sequence 1849, Ap
17	35	94.6	17	10	US-09-880-748-2960	Sequence 2960, Ap
18	35	94.6	17	14	US-10-293-418-2960	Sequence 2960, Ap
19	35	94.6	248	10	US-09-880-748-1386	Sequence 1386, Ap
20	35	94.6	248	10	US-09-880-748-1388	Sequence 1388, Ap
21	35	94.6	248	14	US-10-293-418-1386	Sequence 1386, Ap
22	35	94.6	248	14	US-10-293-418-1388	Sequence 1388, Ap
23	35	94.6	249	10	US-09-880-748-963	Sequence 963, App
24	35	94.6	249	14	US-10-293-418-963	Sequence 963, App
25	34	91.9	54	14	US-10-029-386-33621	Sequence 33621, A
26	34	91.9	98	14	US-10-194-975-1	Sequence 1, Appl
27	34	91.9	98	14	US-10-125-687-17	Sequence 17, Appl
28	34	91.9	98	14	US-10-308-817-41	Sequence 41, Appl
29	34	91.9	98	15	US-10-032-037B-33	Sequence 33, Appl
30	34	91.9	98	15	US-10-032-037B-34	Sequence 34, Appl
31	34	91.9	98	15	US-10-032-037B-35	Sequence 35, Appl
32	34	91.9	98	15	US-10-032-037B-36	Sequence 36, Appl
33	34	91.9	98	15	US-10-029-988B-33	Sequence 33, Appl
34	34	91.9	98	15	US-10-029-988B-34	Sequence 34, Appl
35	34	91.9	98	15	US-10-029-988B-35	Sequence 35, Appl
36	34	91.9	98	15	US-10-029-988B-36	Sequence 36, Appl
37	34	91.9	98	15	US-10-032-423A-33	Sequence 33, Appl
38	34	91.9	98	15	US-10-032-423A-34	Sequence 34, Appl
39	34	91.9	98	15	US-10-032-423A-35	Sequence 35, Appl
40	34	91.9	98	15	US-10-032-423A-36	Sequence 36, Appl
41	34	91.9	98	15	US-10-453-698-41	Sequence 41, Appl
42	34	91.9	98	15	US-10-029-926B-33	Sequence 33, Appl
43	34	91.9	98	15	US-10-029-926B-34	Sequence 34, Appl
44	34	91.9	98	15	US-10-029-926B-35	Sequence 35, Appl
45	34	91.9	98	15	US-10-029-926B-36	Sequence 36, Appl

ALIGNMENTS

RESULT 1

US-09-880-748-2964
; Sequence 2964, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2964
; LENGTH: 18
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-2964

Query Match 100.0%; Score 37; DB 10; Length 18;
Best Local Similarity 100.0%; Pred.No. 3;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 TGYIYH 6
Db 8 TGYIYH 13

RESULT 2
US-10-293-418-2964
; Sequence 2964, Application US/10293418
; Publication No. US20030223996A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523P2
; CURRENT APPLICATION NUMBER: US/10/293,418
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/331,469
; PRIOR FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/340,817
; PRIOR FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 09/880,748
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-16
; NUMBER OF SEQ ID NOS: 3247
; SEQ ID NO 2964
; LENGTH: 18
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-293-418-2964

Query Match 100.0%; Score 37; DB 14; Length 18;
Best Local Similarity 100.0%; Pred. No. 3;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYIHH 6
DB 8 TGYIHH 13

RESULT 3
US-09-880-748-1948
; Sequence 1948, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1948
; LENGTH: 241
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1948

Query Match 100.0%; Score 37; DB 10; Length 241;
Best Local Similarity 100.0%; Pred. No. 37;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 TGYIHH 6
DB 30 TGYIHH 35

RESULT 4
US-10-293-418-1948
; Sequence 1948, Application US/10293418
; Publication No. US20030223996A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523P2
; CURRENT APPLICATION NUMBER: US/10/293,418
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/331,469
; PRIOR FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/340,817
; PRIOR FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 09/880,748
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-16
; NUMBER OF SEQ ID NOS: 3247
; SEQ ID NO 1948
; LENGTH: 241
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-293-418-1948

Query Match 100.0%; Score 37; DB 14; Length 241;
Best Local Similarity 100.0%; Pred. No. 37;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYIHH 6
DB 30 TGYIHH 35

RESULT 5
US-09-880-748-1003
; Sequence 1003, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1003
; LENGTH: 253

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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1003

Query Match      100.0%; Score 37; DB 10; Length 253;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TGYIHH 6
DB      106 TGYIHH 111

RESULT 6
US-09-880-748-1007
; Sequence 1007, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/331,469
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1007
; LENGTH: 253
; TYPE: PRT
; ORGANISM: Homo sapiens
; NAME/KEY: Site
; LOCATION: (175)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-880-748-1007

Query Match      100.0%; Score 37; DB 10; Length 253;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TGYIHH 6
DB      106 TGYIHH 111

RESULT 7
US-10-293-418-1003
; Sequence 1003, Application US/10293418
; Publication No. US20030223996A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523P2
; CURRENT APPLICATION NUMBER: US/10/293,418
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/331,469
; PRIOR FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/340,817
; PRIOR FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 09/880,748
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-16
; NUMBER OF SEQ ID NOS: 3247
; SEQ ID NO 1007
; LENGTH: 253
; TYPE: PRT
; ORGANISM: Homo sapiens
; NAME/KEY: Site
; LOCATION: (175)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-10-293-418-1007

Query Match      100.0%; Score 37; DB 14; Length 253;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TGYIHH 6
DB      106 TGYIHH 111

RESULT 8
US-10-293-418-1007
; Sequence 1007, Application US/10293418
; Publication No. US20030223996A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523P2
; CURRENT APPLICATION NUMBER: US/10/293,418
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/331,469
; PRIOR FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/340,817
; PRIOR FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 09/880,748
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-16
; NUMBER OF SEQ ID NOS: 3247
; SEQ ID NO 1007
; LENGTH: 253
; TYPE: PRT
; ORGANISM: Homo sapiens
; NAME/KEY: Site
; LOCATION: (175)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-10-293-418-1007

Query Match      100.0%; Score 37; DB 14; Length 253;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TGYIHH 6
DB      106 TGYIHH 111
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Db 106 TGYVH 111

RESULT 9

US-09-880-748-2743

; Sequence 2743, Application US/09880748

; Publication No. US20030059937A1

; GENERAL INFORMATION:

; APPLICANT: Ruben et al.

; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

; FILE REFERENCE: PF523

; CURRENT APPLICATION NUMBER: US/09/880,748

; CURRENT FILING DATE: 2001-06-15

; PRIOR APPLICATION NUMBER: 60/212,210

; PRIOR FILING DATE: 2000-06-15

; PRIOR APPLICATION NUMBER: 60/240,816

; PRIOR FILING DATE: 2000-10-17

; PRIOR APPLICATION NUMBER: 60/276,248

; PRIOR FILING DATE: 2001-03-16

; PRIOR APPLICATION NUMBER: 60/277,379

; PRIOR FILING DATE: 2001-03-21

; PRIOR APPLICATION NUMBER: 60/293,499

; PRIOR FILING DATE: 2001-05-25

; NUMBER OF SEQ ID NOS: 3239

; SOFTWARE: Patentin Ver. 2.0

; SEQ ID NO 2743

; LENGTH: 20

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-880-748-2743

Query Match 97.3%; Score 36; DB 10; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.1;

Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYVH 6

Db 9 TGYVH 14

RESULT 10

US-10-293-418-2743

; Sequence 2743, Application US/10293418

; Publication No. US20030223996A1

; GENERAL INFORMATION:

; APPLICANT: Ruben et al.

; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

; FILE REFERENCE: PF523P2

; CURRENT APPLICATION NUMBER: US/10/293,418

; CURRENT FILING DATE: 2002-11-27

; PRIOR APPLICATION NUMBER: 60/331,469

; PRIOR FILING DATE: 2001-11-16

; PRIOR APPLICATION NUMBER: 60/340,817

; PRIOR FILING DATE: 2001-12-19

; PRIOR APPLICATION NUMBER: 09/880,748

; PRIOR FILING DATE: 2001-06-15

; PRIOR APPLICATION NUMBER: 60/293,499

; PRIOR FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: 60/277,379

; PRIOR FILING DATE: 2001-03-21

; PRIOR APPLICATION NUMBER: 60/276,248

; PRIOR FILING DATE: 2001-03-16

; PRIOR APPLICATION NUMBER: 60/240,816

; PRIOR FILING DATE: 2000-10-17

; PRIOR APPLICATION NUMBER: 60/212,210

; PRIOR FILING DATE: 2000-06-16

; NUMBER OF SEQ ID NOS: 3247

; SEQ ID NO 2743

; LENGTH: 20

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-293-418-2743

Query Match 97.3%; Score 36; DB 14; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.1;

Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYVH 6

Db 9 TGYVH 14

RESULT 11

US-09-880-748-1394

; Sequence 1394, Application US/09880748

; Publication No. US20030059937A1

; GENERAL INFORMATION:

; APPLICANT: Ruben et al.

; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

; FILE REFERENCE: PF523

; CURRENT APPLICATION NUMBER: US/09/880,748

; CURRENT FILING DATE: 2001-06-15

; PRIOR APPLICATION NUMBER: 60/212,210

; PRIOR FILING DATE: 2000-06-15

; PRIOR APPLICATION NUMBER: 60/240,816

; PRIOR FILING DATE: 2000-10-17

; PRIOR APPLICATION NUMBER: 60/276,248

; PRIOR FILING DATE: 2001-03-16

; PRIOR APPLICATION NUMBER: 60/277,379

; PRIOR FILING DATE: 2001-03-21

; PRIOR APPLICATION NUMBER: 60/293,499

; PRIOR FILING DATE: 2001-05-25

; NUMBER OF SEQ ID NOS: 3239

; SOFTWARE: Patentin Ver. 2.0

; SEQ ID NO 1394

; LENGTH: 252

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-880-748-1394

Query Match 97.3%; Score 36; DB 10; Length 252;

Best Local Similarity 83.3%; Pred. No. 61;

Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYVH 6

Db 107 TGYVH 112

RESULT 12

US-10-293-418-1394

; Sequence 1394, Application US/10293418

; Publication No. US20030223996A1

; GENERAL INFORMATION:

; APPLICANT: Ruben et al.

; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

; FILE REFERENCE: PF523P2

; CURRENT APPLICATION NUMBER: US/10/293,418

; CURRENT FILING DATE: 2002-11-27

; PRIOR APPLICATION NUMBER: 60/331,469

; PRIOR FILING DATE: 2001-11-16

; PRIOR APPLICATION NUMBER: 60/340,817

; PRIOR FILING DATE: 2001-12-19

; PRIOR APPLICATION NUMBER: 09/880,748

; PRIOR FILING DATE: 2001-06-15

; PRIOR APPLICATION NUMBER: 60/293,499

; PRIOR FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: 60/277,379

; PRIOR FILING DATE: 2001-03-21

; PRIOR APPLICATION NUMBER: 60/276,248

; PRIOR FILING DATE: 2001-03-16

; PRIOR APPLICATION NUMBER: 60/240,816

; PRIOR FILING DATE: 2000-10-17

; PRIOR APPLICATION NUMBER: 60/212,210

; PRIOR FILING DATE: 2000-06-16

; NUMBER OF SEQ ID NOS: 3247

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; SEQ ID NO 1394
; LENGTH: 252
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-293-418-1394

Query Match          97.3%; Score 36; DB 14; Length 252;
Best Local Similarity 83.3%; Pred. No. 61;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TGYVH 6
Db 107 TGYVH 112

RESULT 13
US-09-880-748-1846
; Sequence 1846, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1846
; LENGTH: 254
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1846

Query Match          97.3%; Score 36; DB 10; Length 254;
Best Local Similarity 83.3%; Pred. No. 61;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TGYVH 6
Db 30 TGYVH 35

RESULT 14
US-10-293-418-1846
; Sequence 1846, Application US/10293418
; Publication No. US2003022396A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523P2
; CURRENT APPLICATION NUMBER: US/10/293,418
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/331,469
; PRIOR FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/340,817
; PRIOR FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 09/880,748
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/276,248

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; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-16
; NUMBER OF SEQ ID NOS: 3247
; SEQ ID NO 1846
; LENGTH: 254
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-293-418-1846

Query Match          97.3%; Score 36; DB 14; Length 254;
Best Local Similarity 83.3%; Pred. No. 61;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TGYVH 6
Db 30 TGYVH 35

RESULT 15
US-09-880-748-1849
; Sequence 1849, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1849
; LENGTH: 255
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1849

Query Match          97.3%; Score 36; DB 10; Length 255;
Best Local Similarity 83.3%; Pred. No. 61;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TGYVH 6
Db 30 TGYVH 35

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Job time : 15.4565 secs

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OM protein - protein search, using sw model

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Title: US-09-328-296-9

Perfect score: 93

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Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	80	86.0	301	2	US-08-656-906-25
2	80	86.0	301	3	US-08-217-847-25
3	77	82.8	120	4	US-08-875-706C-1
4	74	79.6	17	4	US-09-563-222C-57
5	74	79.6	125	3	US-09-357-710A-20
6	74	79.6	125	4	US-09-357-707-20
7	74	79.6	125	4	US-09-357-708-20
8	74	79.6	128	1	US-08-202-047-21
9	74	79.6	128	3	US-08-964-690-21
10	72	77.4	17	2	US-08-116-778E-7
11	72	77.4	17	2	US-08-438-562-7
12	72	77.4	17	2	US-08-483-528B-95
13	72	77.4	17	4	US-09-393-385B-106
14	72	77.4	119	1	US-07-634-278-64
15	72	77.4	119	1	US-07-634-278-65
16	72	77.4	119	1	US-07-634-278-89
17	72	77.4	119	1	US-08-477-728-64
18	72	77.4	119	1	US-08-477-728-65
19	72	77.4	119	1	US-08-477-728-89
20	72	77.4	119	1	US-08-474-040-64
21	72	77.4	119	1	US-08-474-040-65
22	72	77.4	119	1	US-08-474-040-89
23	72	77.4	119	1	US-08-487-200-64
24	72	77.4	119	1	US-08-487-200-65
25	72	77.4	119	1	US-08-487-200-89
26	72	77.4	119	3	US-08-484-537-64
27	72	77.4	119	3	US-08-484-537-65

28 72 77.4 119 3 US-08-484-537-89 Sequence 89, Appl
29 72 77.4 137 2 US-08-116-778E-3 Sequence 3, Appl
30 72 77.4 137 2 US-08-438-562-3 Sequence 3, Appl
31 72 77.4 137 2 US-08-483-528B-93 Sequence 93, Appl
32 72 77.4 138 1 US-07-634-278-85 Sequence 85, Appl
33 72 77.4 138 1 US-08-477-728-85 Sequence 85, Appl
34 72 77.4 138 1 US-08-474-040-85 Sequence 85, Appl
35 72 77.4 138 1 US-08-487-200-85 Sequence 85, Appl
36 72 77.4 138 3 US-08-484-537-85 Sequence 85, Appl
37 72 77.4 139 2 US-08-116-778E-1 Sequence 1, Appl
38 72 77.4 139 2 US-08-438-562-1 Sequence 1, Appl
39 72 77.4 139 2 US-08-483-528B-91 Sequence 91, Appl
40 72 77.4 144 2 US-08-116-778E-36 Sequence 36, Appl
41 72 77.4 144 2 US-08-438-562-36 Sequence 36, Appl
42 72 77.4 144 2 US-08-483-528B-100 Sequence 100, Appl
43 72 77.4 144 4 US-09-393-385B-112 Sequence 112, Appl
44 71 76.3 17 1 US-08-137-117D-144 Sequence 144, Appl
45 71 76.3 17 2 US-08-436-717-144 Sequence 144, Appl

ALIGNMENTS

RESULT 1
US-08-656-906-25
; Sequence 25, Application US/08656906
; Patent No. 5972901
; GENERAL INFORMATION:
; APPLICANT: Ferkol Jr., Thomas W.
; APPLICANT: Davis, Pamela B.
; APPLICANT: Ziady, Assem-Gaial
; TITLE OF INVENTION: Serpin Enzyme Complex Receptor -
; TITLE OF INVENTION: Mediated Gene Transfer
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/656,906
; FILING DATE: 03-JUN-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/
; FILING DATE: 03-JUN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO 95/25809
; FILING DATE: 23-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/216,534
; FILING DATE: 23-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: CASE-02280
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 301 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-656-906-25

Query Match 86.0%; Score 80; DB 2; Length 301;
Best Local Similarity 100.0%; Pred. No. 5.2e-05;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 PNNGGTSYNQKFG 17
Db 179 PNNGGTSYNQKFG 192

RESULT 2
US-09-217-847-25
; Sequence 25, Application US/09217847
; Patent No. 6200801
; GENERAL INFORMATION:
; APPLICANT: Ferkol Jr., Thomas W.
; APPLICANT: Davis, Pamela B.
; APPLICANT: Ziad, Assem-Galal
; TITLE OF INVENTION: Serpin Enzyme Complex Receptor -
; TITLE OF INVENTION: Mediated Gene Transfer
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/217,847
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/656,906
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO WO 95/25809
; FILING DATE: 23-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/216,534
; FILING DATE: 23-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: CASE-02280
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 301 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-217-847-25

Query Match 86.0%; Score 80; DB 3; Length 301;
Best Local Similarity 100.0%; Pred. No. 5.2e-05;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 PNNGGTSYNQKFG 17
Db 179 PNNGGTSYNQKFG 192

RESULT 3
US-08-875-706C-1
; Sequence 1, Application US/08875706C

Patent No. 6433148
; GENERAL INFORMATION:
; APPLICANT: MACIAS ABRAHAM, A. E.
; APPLICANT: P REZ RODRIGUEZ, R.
; APPLICANT: RODRIGUEZ OBAYA, T.
; APPLICANT: BOMBINO LOPEZ, G.
; APPLICANT: RAMOS ZAMORA, M.
; APPLICANT: PEÑA MARICHAL, O.
; TITLE OF INVENTION: Monoclonal anti-idiotypic antibodies
; TITLE OF INVENTION:
; NUMBER OF SEQUENCES: 1
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lackenbach Siegel Marzullo Aronson & Greenspan, P.C.
; STREET: One Chase Road
; CITY: Scarsdale
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10583
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk 3.5" (1.4 MB).
; COMPUTER: Compatible PC IBM (80486, 8 M Ram).
; OPERATING SYSTEM: ASCII II DOS
; SOFTWARE: Word Perfect 5.0 for Windows 95.
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/875,706C
; FILING DATE: 17-July-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/CU96/00003
; FILING DATE: 18-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Henry A. Marzullo, Jr.
; REGISTRATION NUMBER: 20,910
; REFERENCE/DOCKET NUMBER: P-11
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 723-4300
; TELEFAX: (914) 723-4301
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 120 Amino acid residues
; TYPE: Amino acid
; STRANDEDNESS: Unknown
; TOPOLOGY: Unknown
; MOLECULE TYPE: Protein
; HYPOTHEICAL: No
; ANTI-SENSE: No
; FRAGMENT TYPE: -N Terminal fragment.
; ORIGINAL SOURCE:
; ORGANISM: Mice Balb/C
; TISSUE TYPE: Murine hibridoma
; IMMEDIATE SOURCE:
; CLONE: B7
; IDENTIFICATION METHOD: Experimental.
; OTHER INFORMATION: - Sequence corresponding to the variable
; Patent No. 6433148
; OTHER INFORMATION: region of its heavy chain of the humanized variant obtained
; OTHER INFORMATION: from the monoclonal antibody B7.
; US-08-875-706C-1

Query Match 82.8%; Score 77; DB 4; Length 120;
Best Local Similarity 87.5%; Pred. No. 5.9e-05;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2 VIPNNGGTSYNQKFG 17
Db 51 VSPNNGGASYNQKFG 66

RESULT 4
US-09-563-222C-57
; Sequence 57, Application US/09563222C
; Patent No. 6696620


```
; GENERAL INFORMATION:
; APPLICANT: EPICTE PHARMACEUTICALS, INC.
; APPLICANT: HIATT, ANDREW C.
; APPLICANT: HEIN, MICH B.
; TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEIN ARRAYS IN PLANT CELLS
; FILE REFERENCE: 068904-0501
; CURRENT APPLICATION NUMBER: US/09/563,222C
; CURRENT FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: PCT/US01/14349
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/563,222
; PRIOR FILING DATE: 2000-05-02
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 57
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-563-222C-57

Query Match          79.6%; Score 74; DB 4; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e-05;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 PNNGGTSYNQKFKG 17
DB      4 PNNGGTSYNQKFKG 17

RESULT 5
US-09-357-710A-20
; Sequence 20, Application US/09357710A
; Patent No. 6290956
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF PROSTATE CANCER
; FILE REFERENCE: Lois M. Kwasigroch: BZL 242/025
; CURRENT APPLICATION NUMBER: US/09/357,710A
; CURRENT FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 20
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-357-710A-20

Query Match          79.6%; Score 74; DB 3; Length 125;
Best Local Similarity 92.9%; Pred. No. 0.00018;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 PNNGGTSYNQKFKG 17
DB      54 PNNGGTSYNQKFKG 67

RESULT 6
US-09-357-707-20
; Sequence 20, Application US/09357707
; Patent No. 6649163
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
; FILE REFERENCE: Lois M. Kwasigroch: BZL 242/078
; CURRENT APPLICATION NUMBER: US/09/357,707
; CURRENT FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/895,914
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; GENERAL INFORMATION:
; APPLICANT: EPICTE PHARMACEUTICALS, INC.
; APPLICANT: HIATT, ANDREW C.
; APPLICANT: HEIN, MICH B.
; TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEIN ARRAYS IN PLANT CELLS
; FILE REFERENCE: 068904-0501
; CURRENT APPLICATION NUMBER: US/09/563,222C
; CURRENT FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: PCT/US01/14349
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/563,222
; PRIOR FILING DATE: 2000-05-02
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 57
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-563-222C-57

Query Match          79.6%; Score 74; DB 4; Length 125;
Best Local Similarity 92.9%; Pred. No. 0.00018;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 PNNGGTSYNQKFKG 17
DB      54 PNNGGTSYNQKFKG 67

RESULT 7
US-09-357-708-20
; Sequence 20, Application US/09357708
; Patent No. 6770450
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
; FILE REFERENCE: Lois M. Kwasigroch: BZL 242/028
; CURRENT APPLICATION NUMBER: US/09/357,708
; CURRENT FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/895,914
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 20
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-357-708-20

Query Match          79.6%; Score 74; DB 4; Length 125;
Best Local Similarity 92.9%; Pred. No. 0.00018;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 PNNGGTSYNQKFKG 17
DB      54 PNNGGTSYNQKFKG 67

RESULT 8
US-08-202-047-21
; Sequence 21, Application US/08202047
; Patent No. 5800815
; GENERAL INFORMATION:
; APPLICANT: CHESNUT, Robert W.
; APPLICANT: POLLEY, Margaret J.
; APPLICANT: PAULSON, James C.
; APPLICANT: JONES, S. Tarran
; APPLICANT: SALDANHA, Jose W.
; APPLICANT: BENDIG, Mary M.
; TITLE OF INVENTION: Antibodies to P-selectin and Their Uses
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
```

ADDRESS: Townsend and Townsend Kourie and Crew
STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/202,047
FILING DATE: 25-FEB-1994
CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 14137-77
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422

INFORMATION FOR SEQ ID NO: 21:

SEQUENCE CHARACTERISTICS:

LENGTH: 128 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

FEATURE:

NAME/KEY: Protein

LOCATION: 1..128

OTHER INFORMATION: /label= MOUSE_IIA

US-08-202-047-21

Query Match 79.6%; Score 74; DB 1; Length 128;
Best Local Similarity 92.9%; Pred. No. 0.00019;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 PNNGTSTYNQKFKG 17

Db 53 PNNGTSTYNQKFKG 66

RESULT 9

US-08-964-690-21

Sequence 21, Application US/08964690

Patent No. 6033667

GENERAL INFORMATION:

APPLICANT: CHESNUT, Robert W.

APPLICANT: POLLEY, Margaret J.

APPLICANT: PAULSON, James C.

APPLICANT: JONES, S. Tarran

APPLICANT: SALDANHA, Jose W.

APPLICANT: BENDIG, Mary W.

TITLE OF INVENTION: Antibodies to P-Selectin and Their Uses

NUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRESS:

ADDRESS: Townsend and Townsend Kourie and Crew

STREET: One Market Plaza, Steuart Tower, Suite 2000

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/964,690

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/202,047

FILING DATE: 25-FEB-1994

ATTORNEY/AGENT INFORMATION:

NAME: Smith, William M.

REGISTRATION NUMBER: 30,223

REFERENCE/DOCKET NUMBER: 14137-77

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-326-2400

TELEFAX: 415-326-2422

INFORMATION FOR SEQ ID NO: 21:

SEQUENCE CHARACTERISTICS:

LENGTH: 128 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

FEATURE:

NAME/KEY: Protein

LOCATION: 1..128

OTHER INFORMATION: /label= MOUSE_IIA

US-08-964-690-21

Query Match 79.6%; Score 74; DB 3; Length 128;

Best Local Similarity 92.9%; Pred. No. 0.00019;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 PNNGTSTYNQKFKG 17

Db 53 PNNGTSTYNQKFKG 66

RESULT 10

US-08-116-778E-7

Sequence 7, Application US/08116778E

Patent No. 5830470

GENERAL INFORMATION:

APPLICANT: NAKAMURA, KAZUYASU

APPLICANT: KOIKE, MASAMICHI

APPLICANT: SHITARA, KENYA

APPLICANT: HANAI, NOBUO

APPLICANT: KURANA, YOSHIHISA

APPLICANT: HASEGAWA, MAMORU

TITLE OF INVENTION: HUMANIZED ANTIBODIES

NUMBER OF SEQUENCES: 49

CORRESPONDENCE ADDRESS:

ADDRESSEE: NIXON & VANDERHVE P.C.

STREET: 1100 NORTH GLEBE ROAD

CITY: ARLINGTON

STATE: VIRGINIA

COUNTRY: U.S.A.

ZIP: 22201-4714

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/116,778E

FILING DATE: 07-SEP-93

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: WILSON, MARY J.

REGISTRATION NUMBER: 32,955

REFERENCE/DOCKET NUMBER: 249-59

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703)816-4000

TELEFAX: (703)816-4100

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 amino acids

TYPE: amino acid

TOPOLOGY: linear

```
; MOLECULE TYPE: peptide
US-08-116-778E-7

Query Match      77.4%; Score 72; DB 2; Length 17;
Best Local Similarity 80.0%; Pred. No. 4.6e-05;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2 VIPNNGGTSYNQKFK 16
   : ||||| |||||
Db 2 IYPNNGGTGYNQKFK 16

RESULT 11
US-08-438-562-7
; Sequence 7, Application US/08438562
; Patent No. 5874255
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, KAZUYASU
; APPLICANT: KOIKE, MASAMICHI
; APPLICANT: SHITARA, KENYA
; APPLICANT: HANAI, NOBUO
; APPLICANT: KAWANA, YOSHIHISA
; APPLICANT: HASEGAWA, MAMORU
; TITLE OF INVENTION: HUMANIZED ANTIBODIES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHVE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/438,562
; FILING DATE: 10-MAY-95
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/116,778
; FILING DATE: 07-SEP-93
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: WILSON, MARY J.
; REGISTRATION NUMBER: 32,955
; REFERENCE/DOCKET NUMBER: 249-76
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4000
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-438-562-7

Query Match      77.4%; Score 72; DB 2; Length 17;
Best Local Similarity 80.0%; Pred. No. 4.6e-05;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2 VIPNNGGTSYNQKFK 16
   : ||||| |||||
Db 2 IYPNNGGTGYNQKFK 16

RESULT 12
US-08-483-528B-95
; Sequence 95, Application US/08483528B
; Patent No. 5939532

; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, KAZUYASU
; APPLICANT: KOIKE, MASAMICHI
; APPLICANT: SHITARA, KENYA
; APPLICANT: HANAI, NOBUO
; APPLICANT: KAWANA, YOSHIHISA
; APPLICANT: HASEGAWA, MAMORU
; TITLE OF INVENTION: HUMANIZED ANTIBODIES
; NUMBER OF SEQUENCES: 103
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHVE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,528B
; FILING DATE: 07-JUN-95
; CLASSIFICATION: 536
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4000
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 95:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-483-528B-95

Query Match      77.4%; Score 72; DB 2; Length 17;
Best Local Similarity 80.0%; Pred. No. 4.6e-05;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2 VIPNNGGTSYNQKFK 16
   : ||||| |||||
Db 2 IYPNNGGTGYNQKFK 16

RESULT 13
US-09-393-385B-106
; Sequence 106, Application US/09393385B
; Patent No. 6423511
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, KAZUYASU
; APPLICANT: KOIKE, MASAMICHI
; APPLICANT: SHITARA, KENYA
; APPLICANT: HANAI, NOBUO
; APPLICANT: KAWANA, YOSHIHISA
; APPLICANT: HASEGAWA, MAMORU
; TITLE OF INVENTION: HUMANIZED ANTIBODIES
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHVE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/393,385B
; FILING DATE: 27-JUN-96
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;
; CLASSIFICATION:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4000
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 106:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-09-393-385B-106

Query Match 77.4%; Score 72; DB 4; Length 17;
Best Local Similarity 80.0%; Pred. No. 4.6e-05;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2 VIPNNGGTSYNQKFK 16
Db 2 IYPNNGGTYNQKFK 16

RESULT 14
US-07-634-278-64
; Sequence 64, Application US/07634278
; Patent No. 5530101
; GENERAL INFORMATION:
; APPLICANT: QUEEN, Cary L.
; APPLICANT: CO, Man Sung
; APPLICANT: SCHNEIDER, William P.
; APPLICANT: LANDOLFI, Nicholas F.
; APPLICANT: COELINGH, Kathleen L.
; APPLICANT: SELICK, Harold E.
; TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBULINS
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Khourie and Crew
; STREET: 379 Lytton Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: US
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/634,278
; FILING DATE: 19-DEC-1990
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/590,274
; FILING DATE: 28-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/310,252
; FILING DATE: 13-FEB-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/290,975
; FILING DATE: 28-DEC-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 11823-002600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 119 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-09-328-296-9

Query Match 77.4%; Score 72; DB 1; Length 119;
Best Local Similarity 92.9%; Pred. No. 0.00036;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 PNNGGTSYNQKFK 17
Db 53 PYNGGTSYNQKFK 66

; MOLECULE TYPE: peptide
; US-07-634-278-64

Query Match 77.4%; Score 72; DB 1; Length 119;
Best Local Similarity 92.9%; Pred. No. 0.00036;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 PNNGGTSYNQKFK 17
Db 53 PYNGGTSYNQKFK 66
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Search completed: November 18, 2004, 05:25:42
Job time : 7.77536 secs

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OM protein - protein search, using sw model

Run on: November 18, 2004, 05:21:14 ; Search time 26.7935 Seconds
(without alignments)
224.688 Million cell updates/sec

Title: US-09-328-296-9

Perfect score: 93

Sequence: 1 RVIPNNGTSTYNQKFKG 17

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1570615 seqs, 354127592 residues

Total number of hits satisfying chosen parameters: 1570615

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*

- 1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep.*
- 7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep.*
- 8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep.*
- 10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/1/pubpaa/US10D_PUBCOMB.pep.*
- 17: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep.*
- 19: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
- 20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Query Match	Score	Length	ID	Description
1	74	79.6	17	10	US-09-563-222-57 Sequence 57, Appl
2	74	79.6	17	17	US-10-783-950-57 Sequence 57, Appl
3	74	79.6	121	14	US-10-422-049-5 Sequence 5, Appl
4	74	79.6	121	14	US-10-422-049-6 Sequence 6, Appl
5	74	79.6	125	10	US-09-529-665-20 Sequence 20, Appl
6	74	79.6	125	10	US-09-529-546-20 Sequence 20, Appl
7	74	79.6	125	14	US-10-160-506-79 Sequence 79, Appl
8	74	79.6	125	16	US-10-449-379-79 Sequence 79, Appl
9	74	79.6	125	16	US-10-688-015-79 Sequence 79, Appl
10	74	79.6	125	17	US-10-160-505-79 Sequence 79, Appl
11	74	79.6	152	9	US-09-881-923-20 Sequence 106, App
12	72	77.4	17	14	US-10-195-752-106 Sequence 23, Appl
13	72	77.4	119	14	US-10-389-155-23 Sequence 23, Appl

14	72	77.4	119	14	US-10-389-155-24 Sequence 24, Appl
15	72	77.4	119	15	US-10-389-417-23 Sequence 24, Appl
16	72	77.4	119	15	US-10-389-417-24 Sequence 24, Appl
17	72	77.4	119	15	US-10-452-357-64 Sequence 64, Appl
18	72	77.4	119	15	US-10-452-357-65 Sequence 65, Appl
19	72	77.4	119	15	US-10-452-357-89 Sequence 89, Appl
20	72	77.4	138	14	US-10-389-155-72 Sequence 72, Appl
21	72	77.4	138	15	US-10-389-417-72 Sequence 72, Appl
22	72	77.4	138	15	US-10-452-357-85 Sequence 85, Appl
23	72	77.4	144	14	US-10-195-752-112 Sequence 112, App
24	72	77.4	264	14	US-10-114-716A-46 Sequence 46, Appl
25	71	76.3	119	14	US-10-372-481-9 Sequence 9, Appl
26	71	76.3	119	15	US-10-371-797-9 Sequence 9, Appl
27	70	75.3	17	13	US-10-032-482-15 Sequence 15, Appl
28	70	75.3	111	13	US-10-032-482-5 Sequence 5, Appl
29	69	74.2	17	14	US-10-366-709-9 Sequence 9, Appl
30	69	74.2	17	15	US-10-327-663-9 Sequence 9, Appl
31	69	74.2	120	14	US-10-366-709-35 Sequence 35, Appl
32	69	74.2	121	14	US-10-366-709-39 Sequence 39, Appl
33	69	74.2	121	14	US-10-366-709-41 Sequence 41, Appl
34	69	74.2	121	14	US-10-366-709-42 Sequence 42, Appl
35	69	74.2	122	17	US-10-818-765-2 Sequence 2, Appl
36	69	74.2	123	10	US-09-892-613C-18 Sequence 18, Appl
37	69	74.2	132	14	US-10-197-080-2 Sequence 2, Appl
38	69	74.2	140	10	US-09-905-528-6 Sequence 6, Appl
39	69	74.2	140	14	US-10-096-964-6 Sequence 6, Appl
40	69	74.2	140	14	US-10-238-681-11 Sequence 11, Appl
41	69	74.2	140	14	US-10-366-709-48 Sequence 48, Appl
42	69	74.2	140	14	US-10-366-709-50 Sequence 50, Appl
43	69	74.2	140	15	US-10-411-037-62 Sequence 62, Appl
44	69	74.2	140	15	US-10-411-026-62 Sequence 62, Appl
45	69	74.2	140	15	US-10-410-962-62 Sequence 62, Appl

ALIGNMENTS

RESULT 1
US-09-563-222-57
; Sequence 57, Application US/09563222
; Publication No. US20030079253A1
; GENERAL INFORMATION:
; APPLICANT: Hiatt, Andrew
; APPLICANT: Heip, Mich B.
; TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEIN ARRAYS IN
; FILE REFERENCE: 310098.406
; CURRENT APPLICATION NUMBER: US/09/563,222
; CURRENT FILING DATE: 2000-05-02
; NUMBER OF SEQ ID NOS: 197
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 57
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-563-222-57

Query Match 79.6%; Score 74; DB 10; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.7e-05;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 PNNGGTSTYNQKFKG 17
DB 4 PNNGGTSTYNQKFKG 17

RESULT 2
US-10-783-950-57
; Sequence 57, Application US/10783950
; Publication No. US20040199945A1
; GENERAL INFORMATION:
; APPLICANT: EPICYTE PHARMACEUTICALS, INC.
; APPLICANT: HIATT, ANDREW C.

```

; APPLICANT: HEIN, MICH B.
; TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEIN ARRAYS IN PLANT CELLS
; FILE REFERENCE: 068904-0501
; CURRENT APPLICATION NUMBER: US/10/783,950
; CURRENT FILING DATE: 2004-02-19
; PRIOR APPLICATION NUMBER: US/09/563,222
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: PCT/US01/14349
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/563,222
; PRIOR FILING DATE: 2000-05-02
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 57
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-783-950-57

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```

Query Match      79.6%; Score 74; DB 17; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.7e-05;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY      4 PNNGGTSYNQKFKG 17
|      |||||
Db      4 PNNGGTSYNQKFKG 17

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RESULT 3
US-10-422-049-5
; Sequence 5, Application US/10422049
; Publication No. US20030199679A1
; GENERAL INFORMATION:
; APPLICANT: Adair, John Robert
; APPLICANT: Athwal, Diljeet Singh
; APPLICANT: Emtage, John Spencer
; APPLICANT: Bodmer, Mark William
; TITLE OF INVENTION: Recombinant Antibodies Specific For TNF-Alpha
; FILE REFERENCE: CARP0063
; CURRENT APPLICATION NUMBER: US/10/422,049
; CURRENT FILING DATE: 2003-04-22
; PRIOR APPLICATION NUMBER: US/09/267,281
; PRIOR FILING DATE: 1999-03-12
; PRIOR APPLICATION NUMBER: 08/456,418
; PRIOR FILING DATE: 1995-06-01
; PRIOR APPLICATION NUMBER: 08/373,882
; PRIOR FILING DATE: 1995-01-17
; PRIOR APPLICATION NUMBER: 07/920,378
; PRIOR FILING DATE: 1992-09-28
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 121
; TYPE: PRT
; ORGANISM: Murine
US-10-422-049-5

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Query Match      79.6%; Score 74; DB 14; Length 121;
Best Local Similarity 92.9%; Pred. No. 0.00023;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY      4 PNNGGTSYNQKFKG 17
|      |||||
Db      53 PNNGGTSYNQKFKG 66

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```

RESULT 4
US-10-422-049-6
; Sequence 6, Application US/10422049
; Publication No. US20030199679A1
; GENERAL INFORMATION:
; APPLICANT: Adair, John Robert
; APPLICANT: Athwal, Diljeet Singh

```

```

; APPLICANT: Emtage, John Spencer
; APPLICANT: Bodmer, Mark William
; TITLE OF INVENTION: Recombinant Antibodies Specific For TNF-Alpha
; FILE REFERENCE: CARP0063
; CURRENT APPLICATION NUMBER: US/10/422,049
; CURRENT FILING DATE: 2003-04-22
; PRIOR APPLICATION NUMBER: US/09/267,281
; PRIOR FILING DATE: 1999-03-12
; PRIOR APPLICATION NUMBER: 08/456,418
; PRIOR FILING DATE: 1995-06-01
; PRIOR APPLICATION NUMBER: 08/373,882
; PRIOR FILING DATE: 1995-01-17
; PRIOR APPLICATION NUMBER: 07/920,378
; PRIOR FILING DATE: 1992-09-28
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 121
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Humanized
; OTHER INFORMATION: Antibody
US-10-422-049-6

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```

Query Match      79.6%; Score 74; DB 14; Length 121;
Best Local Similarity 92.9%; Pred. No. 0.00023;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY      4 PNNGGTSYNQKFKG 17
|      |||||
Db      53 PNNGGTSYNQKFKG 66

```

```

RESULT 5
US-09-929-665-20
; Sequence 20, Application US/09929665
; Publication No. US20030003101A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF PROSTATE CANCER
; FILE REFERENCE: Lois M. Kwasi-groch: BZL 242/024
; CURRENT APPLICATION NUMBER: US/09/929,665
; CURRENT FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 09/357,704
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 20
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-929-665-20

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```

Query Match      79.6%; Score 74; DB 10; Length 125;
Best Local Similarity 92.9%; Pred. No. 0.00024;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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```

QY      4 PNNGGTSYNQKFKG 17
|      |||||
Db      54 PNNGGTSYNQKFKG 67

```

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RESULT 6
US-09-929-546-20
; Sequence 20, Application US/09929546
; Publication No. US20030031673A1

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; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
; FILE REFERENCE: Lois M. Kwasiogoch: BZL 242/028
; CURRENT APPLICATION NUMBER: US/09/929,546
; CURRENT FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 09/357,708
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 20
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-929-546-20

Query Match          79.6%; Score 74; DB 10; Length 125;
Best Local Similarity 92.9%; Pred. No. 0.00024;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 PNNGGTSTYNQKFKG 17
Db      54 PGGGTSTYNQKFKG 67

RESULT 7
US-10-160-506-79
; Sequence 79, Application US/10160506
; Publication No. US20030161832A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING OR PREVENTING
; TITLE OF INVENTION: SKIN DISORDERS USING BINDING AGENTS SPECIFIC FOR
; TITLE OF INVENTION: PROSTATE SPECIFIC MEMBRANE ANTIGEN
; FILE REFERENCE: 10448-162001
; CURRENT APPLICATION NUMBER: US/10/160,506
; CURRENT FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/324,100
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 60/362,612
; PRIOR FILING DATE: 2002-03-08
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 79
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-160-506-79

Query Match          79.6%; Score 74; DB 14; Length 125;
Best Local Similarity 92.9%; Pred. No. 0.00024;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 PNNGGTSTYNQKFKG 17
Db      54 PGGGTSTYNQKFKG 67

RESULT 8
US-10-449-379-79
; Sequence 79, Application US/10449379
; Publication No. US20040120958A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: MODIFIED ANTIBODIES TO PROSTATE-SPECIFIC
; TITLE OF INVENTION: MEMBRANE ANTIGEN AND USES THEREOF
; FILE REFERENCE: 10448-163002
; CURRENT APPLICATION NUMBER: US/10/160,505
; CURRENT FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/323,585
; PRIOR FILING DATE: 2001-09-20
; FILE REFERENCE: 10448-163002

; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
; FILE REFERENCE: Lois M. Kwasiogoch: BZL 242/028
; CURRENT APPLICATION NUMBER: US/09/929,546
; CURRENT FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 09/357,708
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 20
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-449-379-79

Query Match          79.6%; Score 74; DB 16; Length 125;
Best Local Similarity 92.9%; Pred. No. 0.00024;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 PNNGGTSTYNQKFKG 17
Db      54 PGGGTSTYNQKFKG 67

RESULT 9
US-10-688-015-79
; Sequence 79, Application US/10688015
; Publication No. US20040136998A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING OR PREVENTING
; TITLE OF INVENTION: INSULIN-RELATED DISORDERS USING BINDING AGENTS SPECIFIC FOR
; TITLE OF INVENTION: PROSTATE SPECIFIC MEMBRANE ANTIGEN
; FILE REFERENCE: 10448-196001
; CURRENT APPLICATION NUMBER: US/10/688,015
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/422,396
; PRIOR FILING DATE: 2002-10-30
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 79
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-688-015-79

Query Match          79.6%; Score 74; DB 16; Length 125;
Best Local Similarity 92.9%; Pred. No. 0.00024;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 PNNGGTSTYNQKFKG 17
Db      54 PGGGTSTYNQKFKG 67

RESULT 10
US-10-160-505-79
; Sequence 79, Application US/10160505
; Publication No. US20040213791A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; APPLICANT: Carr, Francis J.
; APPLICANT: Hamilton, Anita A.
; TITLE OF INVENTION: MODIFIED ANTIBODIES TO PROSTATE-SPECIFIC
; TITLE OF INVENTION: MEMBRANE ANTIGEN AND USES THEREOF
; FILE REFERENCE: 10448-163001
; CURRENT APPLICATION NUMBER: US/10/160,505
; CURRENT FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/323,585
; PRIOR FILING DATE: 2001-09-20
; FILE REFERENCE: 10448-163002
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PRIOR APPLICATION NUMBER: 60/362,810
PRIOR FILING DATE: 2002-03-08
PRIOR APPLICATION NUMBER: 60/295,214
PRIOR FILING DATE: 2001-06-01
NUMBER OF SEQ ID NOS: 128
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 79
LENGTH: 125
TYPE: PRT
ORGANISM: Mus musculus
US-10-160-505-79

Query Match 79.6%; Score 74; DB 17; Length 125;
Best Local Similarity 92.9%; Pred. No. 0.00024;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 PNNGGTSYNQKFK 17
DB 54 PNNGGTSYNQKFK 67

RESULT 11
US-09-881-823-20
Sequence 20, Application US/09881823
Patent No. US20020068086A1

GENERAL INFORMATION:
APPLICANT: SHI, WENYUAN
APPLICANT: ANDERSON, MAXWELL
APPLICANT: MORRISON, SHERIE
APPLICANT: TRINH, RYAN
APPLICANT: WIMS, LETITIA
APPLICANT: CHEN, LI

TITLE OF INVENTION: Method for the Treatment and Prevention of Dental Caries
FILE REFERENCE: 22851-032
CURRENT APPLICATION NUMBER: US/09/881,823
CURRENT FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: US 07/378,577
PRIOR FILING DATE: 1999-08-20

NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn version 3.0
SEQ ID NO 20

LENGTH: 152

TYPE: PRT

ORGANISM: Murine

US-09-881-823-20

Query Match 79.6%; Score 74; DB 9; Length 152;
Best Local Similarity 100.0%; Pred. No. 0.0003;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 PNNGGTSYNQKFK 16
DB 72 PNNGGTSYNQKFK 84

RESULT 12

US-10-195-752-106
Sequence 106, Application US/10195752
Publication No. US20030077276A1

GENERAL INFORMATION:

APPLICANT: NAKAMURA, KAZUYASU
KOIKE, MASAMICHI
SHITARA, KENYA
HANAI, NOBUO
KUSANA, YOSHIHISA
HASEGAWA, NAMORU

TITLE OF INVENTION: HUMANIZED ANTIBODIES

NUMBER OF SEQUENCES: 113

CORRESPONDENCE ADDRESS:

ADDRESSEE: NIXON & VANDERHUYE P.C.

STREET: 1100 NORTH GLEBE ROAD

CITY: ARLINGTON

STATE: VIRGINIA

COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/195,752
FILING DATE: 16-Jul-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/393,385B
FILING DATE: 27-JUN-96
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4000
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 106:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 106:
US-10-195-752-106

Query Match 77.4%; Score 72; DB 14; Length 17;
Best Local Similarity 80.0%; Pred. No. 5.9e-05;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2 VIPNNGGTSYNQKFK 16
DB 2 IYPNNGGTSYNQKFK 16

RESULT 13

US-10-389-155-23
Sequence 23, Application US/10389155
Publication No. US2003029208A1

GENERAL INFORMATION:

APPLICANT: Queen, Cary L.

Co, Man Sung

Schneider, William P.

Landolfi, Nicholas F.

Coelling, Kathleen L.

Selick, Harold E.

TITLE OF INVENTION: Improved Humanized Immunoglobulins

NUMBER OF SEQUENCES: 100

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/389,155

FILING DATE: 13-Mar-2003

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/325,000

FILING DATE: 01-JUN-1999

APPLICATION NUMBER: US 07/290,975

FILING DATE: 28-DEC-1988

APPLICATION NUMBER: US 07/310,252

FILING DATE: 13-FEB-1989

APPLICATION NUMBER: US 07/590,274

FILING DATE: 28-SEP-1990

APPLICATION NUMBER: US 07/634,278
FILING DATE: 19-DEC-1990
APPLICATION NUMBER: US 08/484,537
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 011823-002650US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0300
TELEFAX: (415) 576-0200
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE DESCRIPTION: SEQ ID NO: 23:
LENGTH: 119 amino acids
TYPE: amino acid
STRANDEDNESS: <Unknown>
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-10-389-155-23

Query Match 77.4%; Score 72; DB 14; Length 119;
Best Local Similarity 92.9%; Pred. No. 0.0005;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4 PNNGGTSYNQKPKG 17
Db 53 PYNGGTSYNQKPKG 66

RESULT 14
US-10-389-155-24
; Sequence 24, Application US/10389155
; Publication No. US20030229208A1
; GENERAL INFORMATION:
; APPLICANT: Queen, Cary L.
; Co, Man Sung
; Schneider, William P.
; Landolfi, Nicholas F.
; Coeligh, Kathleen L.
; Selick, Harold E.
; TITLE OF INVENTION: Improved Humanized Immunoglobulins
; NUMBER OF SEQUENCES: 100
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/389,155
; FILING DATE: 13-Mar-2003
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/325,000
; FILING DATE: 01-JUN-1999
; APPLICATION NUMBER: US 07/290,975
; FILING DATE: 28-DEC-1988
; APPLICATION NUMBER: US 07/310,252
; FILING DATE: 13-FEB-1989
; APPLICATION NUMBER: US 07/590,274
; FILING DATE: 28-SEP-1990
; APPLICATION NUMBER: US 07/634,278
; FILING DATE: 19-DEC-1990
; APPLICATION NUMBER: US 08/484,537
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M.
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 011823-002650US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0300
; TELEFAX: (415) 576-0200

REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 011823-002650US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 119 amino acids
TYPE: amino acid
STRANDEDNESS: <Unknown>
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 24:
US-10-389-155-24

Query Match 77.4%; Score 72; DB 14; Length 119;
Best Local Similarity 92.9%; Pred. No. 0.0005;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4 PNNGGTSYNQKPKG 17
Db 53 PYNGGTSYNQKPKG 66

RESULT 15
US-10-389-417-23
; Sequence 23, Application US/10389417
; Publication No. US20040049014A1
; GENERAL INFORMATION:
; APPLICANT: Queen, Cary L.
; Co, Man Sung
; Schneider, William P.
; Landolfi, Nicholas F.
; Coeligh, Kathleen L.
; Selick, Harold E.
; TITLE OF INVENTION: Improved Humanized Immunoglobulins
; NUMBER OF SEQUENCES: 100
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/389,417
; FILING DATE: 13-Mar-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/325,000
; FILING DATE: 01-JUN-1999
; APPLICATION NUMBER: US 07/290,975
; FILING DATE: 28-DEC-1988
; APPLICATION NUMBER: US 07/310,252
; FILING DATE: 13-FEB-1989
; APPLICATION NUMBER: US 07/590,274
; FILING DATE: 28-SEP-1990
; APPLICATION NUMBER: US 07/634,278
; FILING DATE: 19-DEC-1990
; APPLICATION NUMBER: US 08/484,537
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M.
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 011823-002650US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300

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; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 119 amino acids
;   TYPE: amino acid
;   STRANDEDNESS: <Unknown>
;   TOPOLOGY: linear
;   MOLECULE TYPE: protein
;   SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-10-389-417-23

Query Match      77.4%; Score 72; DB 15; Length 119;
Best Local Similarity 92.9%; Pred. No. 0.0005;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 PNNGGTSYNQKFKG 17
Db      53 PYNGGTSYNQKFKG 66
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Search completed: November 18, 2004, 06:01:34
Job time : 27.7935 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 18, 2004, 05:16:17 ; Search time 1.5942 Seconds
(without alignments)
166.398 Million cell updates/sec

Title: US-09-328-296-10

Perfect score: 22

Sequence: 1 EGIY 4

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA.*
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2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep.*
3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep.*
4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep.*
5: /cgn2_6/ptodata/1/iaa/PTUS_COMB.pep.*
6: /cgn2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	22	100.0	4	4	US-09-727-532A-18
2	22	100.0	4	4	US-09-569-193A-18
3	22	100.0	4	4	US-10-057-812A-18
4	22	100.0	6	4	US-08-877-605-95
5	22	100.0	6	4	US-08-877-605-139
6	22	100.0	11	3	US-08-918-148-20
7	22	100.0	11	4	US-09-727-532A-17
8	22	100.0	11	4	US-09-569-193A-17
9	22	100.0	11	4	US-10-057-812A-17
10	22	100.0	20	11	US-09-138-091A-20
11	22	100.0	20	4	US-08-838-128B-2
12	22	100.0	23	2	US-08-251-472-5
13	22	100.0	23	3	US-08-248-082-5
14	22	100.0	46	4	US-08-838-128B-24
15	22	100.0	49	3	US-08-926-842B-49
16	22	100.0	53	2	US-08-469-537A-7
17	22	100.0	53	2	US-08-469-537A-20
18	22	100.0	55	2	US-08-592-406-22
19	22	100.0	65	2	US-08-633-879C-16
20	22	100.0	67	4	US-09-621-976-7240
21	22	100.0	68	4	US-09-107-532A-4392
22	22	100.0	68	4	US-09-270-767-61430
23	22	100.0	70	4	US-09-489-039A-14086
24	22	100.0	73	4	US-09-248-796A-25081
25	22	100.0	74	4	US-09-543-681A-6319
26	22	100.0	74	4	US-08-489-039A-10802
27	22	100.0	75	3	US-08-928-383B-13

28	22	100.0	77	4	US-09-107-532A-6682	Sequence 6682, Ap
29	22	100.0	88	4	US-09-621-976-6034	Sequence 6034, Ap
30	22	100.0	96	4	US-09-732-210-1618	Sequence 1618, Ap
31	22	100.0	102	4	US-09-134-000C-4374	Sequence 4374, Ap
32	22	100.0	104	1	US-08-052-681-2	Sequence 2, Appli
33	22	100.0	104	4	US-09-328-352-5254	Sequence 5254, Ap
34	22	100.0	108	2	US-08-652-816A-2	Sequence 2, Appli
35	22	100.0	108	2	US-08-652-816A-17	Sequence 17, Appl
36	22	100.0	108	2	US-08-652-816A-18	Sequence 18, Appl
37	22	100.0	108	2	US-08-652-816A-53	Sequence 53, Appl
38	22	100.0	108	2	US-08-330-272-4	Sequence 4, Appli
39	22	100.0	108	5	PCT-US95-13663-4	Sequence 4, Appli
40	22	100.0	114	4	US-09-328-352-5478	Sequence 5478, Ap
41	22	100.0	115	4	US-09-543-681A-7012	Sequence 7012, Ap
42	22	100.0	122	1	US-07-634-278-48	Sequence 48, Appl
43	22	100.0	122	1	US-07-634-278-49	Sequence 49, Appl
44	22	100.0	122	1	US-08-477-728-48	Sequence 48, Appl
45	22	100.0	122	1	US-08-477-728-49	Sequence 49, Appl

ALIGNMENTS

RESULT 1

US-09-727-532A-18
; Sequence 18, Application US/09727532A
; Patent No. 6436646
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/09/727,532A
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US 09/316,447
; PRIOR FILING DATE: 1999-05-21
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 18
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Protease product
US-09-727-532A-18

Query Match 100.0%; Score 22; DB 4; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 EGIY 4

Db 1 EGIY 4

RESULT 2

US-09-569-193A-18
; Sequence 18, Application US/09569193A
; Patent No. 6472141
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/09/569,193A
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 09/316,447
; PRIOR FILING DATE: 1999-05-21
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562

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; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Protease product
US-09-569-193A-18

Query Match          100.0%; Score 22; DB 4; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 EGIY 4
Db      1 EGIY 4

RESULT 3
US-10-057-812A-18
; Sequence 18, Application US/10057812A
; Patent No. 6689565
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; FILE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/10/057,812A
; CURRENT FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: US/09/569,193
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 09/316,447
; PRIOR FILING DATE: 1999-05-21
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Protease product
US-10-057-812A-18

Query Match          100.0%; Score 22; DB 4; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 EGIY 4
Db      1 EGIY 4

RESULT 4
US-08-877-605-95
; Sequence 95, Application US/08877605
; Patent No. 6582965
; GENERAL INFORMATION:
; APPLICANT: Robert Townsend
; APPLICANT: Raj Parekh
; APPLICANT: Sally Prime
; APPLICANT: Nick Webb
; FILE OF INVENTION: A METHOD FOR DE NOVO PEPTIDE SEQUENCE DETERMINATION
; FILE REFERENCE: 9195-004
; CURRENT APPLICATION NUMBER: US/08/877,605
; CURRENT FILING DATE: 1997-06-18
; NUMBER OF SEQ ID NOS: 353
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 95

Query Match          100.0%; Score 22; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 EGIY 4
Db      2 EGIY 5

RESULT 5
US-08-877-605-139
; Sequence 139, Application US/08877605
; Patent No. 6582965
; GENERAL INFORMATION:
; APPLICANT: Robert Townsend
; APPLICANT: Raj Parekh
; APPLICANT: Sally Prime
; APPLICANT: Nick Webb
; FILE OF INVENTION: A METHOD FOR DE NOVO PEPTIDE SEQUENCE DETERMINATION
; FILE REFERENCE: 9195-004
; CURRENT APPLICATION NUMBER: US/08/877,605
; CURRENT FILING DATE: 1997-06-18
; NUMBER OF SEQ ID NOS: 353
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 139
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Peptide X Library
US-08-877-605-139

Query Match          100.0%; Score 22; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 EGIY 4
Db      2 EGIY 5

RESULT 6
US-08-918-148-20
; Sequence 20, Application US/08918148A
; Patent No. 6342220
; GENERAL INFORMATION:
; APPLICANT: Adams, Camellia
; APPLICANT: W.
; APPLICANT: Carter, Paul J.
; APPLICANT: Fendly, Brian M.
; APPLICANT: Gurney, Auscin L.
; FILE OF INVENTION: Agonist Antibodies
; FILE REFERENCE: P0379
; CURRENT APPLICATION NUMBER: US/08/918,148A
; CURRENT FILING DATE: 1997-08-25
; NUMBER OF SEQ ID NOS: 79
; SEQ ID NO 20
; LENGTH: 11
; TYPE: PRT
; ORGANISM: artificial
; FEATURE:
; NAME/KEY: SE5scFv, 10D10scFv, 12D5scFv VL CDR1
; LOCATION: 1-11
; OTHER INFORMATION: also 12B5scFv VL CDR1
US-08-918-148-20
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Query Match 100.0%; Score 22; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. NO. 41;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
Db 4 EGIY 7

RESULT 7

US-09-727-532A-17
; Sequence 17, Application US/09727532A
; Patent No. 6436646
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; CURRENT APPLICATION NUMBER: US/09/727,532A
; CURRENT FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US 09/316,447
; PRIOR FILING DATE: 1999-05-21
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Protase substrate
; NAME/KEY: misc_feature
; LOCATION: (11)..(11)
; OTHER INFORMATION: lysinamide
US-09-727-532A-17

Query Match 100.0%; Score 22; DB 4; Length 11;
Best Local Similarity 100.0%; Pred. NO. 41;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
Db 1 EGIY 4

RESULT 8

US-09-569-193A-17
; Sequence 17, Application US/09569193A
; Patent No. 6472141
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/09/569,193A
; CURRENT FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 09/316,447
; PRIOR FILING DATE: 1999-05-21
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Protase substrate
; NAME/KEY: misc_feature
; LOCATION: (11)..(11)

; OTHER INFORMATION: lysinamide
US-09-569-193A-17

Query Match 100.0%; Score 22; DB 4; Length 11;
Best Local Similarity 100.0%; Pred. NO. 41;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
Db 1 EGIY 4

RESULT 9

US-10-057-812A-17
; Sequence 17, Application US/10057812A
; Patent No. 6689565
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/10/057,812A
; CURRENT FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: US/09/569,193
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 09/316,447
; PRIOR FILING DATE: 1999-05-21
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Protase substrate
; NAME/KEY: misc_feature
; LOCATION: (11)..(11)
; OTHER INFORMATION: lysinamide
US-10-057-812A-17

Query Match 100.0%; Score 22; DB 4; Length 11;
Best Local Similarity 100.0%; Pred. NO. 41;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
Db 1 EGIY 4

RESULT 10

US-09-138-091A-20
; Sequence 20, Application US/09138091A
; Patent No. 6737249
; GENERAL INFORMATION:
; APPLICANT: Adams, Camellia W.
; APPLICANT: Carter, Paul J.
; APPLICANT: Fendly, Brian M.
; APPLICANT: Gurney, Austin L.
; TITLE OF INVENTION: Agonist Antibodies
; FILE REFERENCE: 9491-013-27
; CURRENT APPLICATION NUMBER: US/09/138,091A
; CURRENT FILING DATE: 1998-08-21
; PRIOR APPLICATION NUMBER: US 60/056,736
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 11
; TYPE: PRT

; ORGANISM: Homo sapiens
US-09-139-091A-20
Query Match 100.0%; Score 22; DB 4; Length 11;
Best Local Similarity 100.0%; Pred. No. 41;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
| | | |
DB 4 EGIY 7

RESULT 11
US-08-838-128B-2
; Sequence 2, Application US/08838128B
; Patent No. 6713069
; GENERAL INFORMATION:
; APPLICANT: Gallaher, William R.
; TITLE OF INVENTION: Compositions and Methods for Detecting,
; Preventing, and Treating African Hemorrhagic Fever
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: John H. Runnels
; STREET: P. O. Box 2471
; CITY: Baton Rouge
; STATE: LA
; COUNTRY: USA
; ZIP: 70821-2471
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 5.1, Wordpad 4.0
; CURRENT APPLICATION DATA: US/08/838,128B
; FILING DATE: 15-APR-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Runnels, John H.
; REGISTRATION NUMBER: 33451
; REFERENCE/DOCKET NUMBER: 95M6.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (225) 387-3221
; TELEFAX: (225) 346-8049
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: Ebola Virus
; STRAIN: Zaire-Mayinga
US-08-838-128B-2
Query Match 100.0%; Score 22; DB 4; Length 20;
Best Local Similarity 100.0%; Pred. No. 76;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
| | | |
DB 17 EGIY 20

RESULT 12
US-08-251-472-5
; Sequence 5, Application US/08251472
; Patent No. 5871746
; GENERAL INFORMATION:
; APPLICANT: BOUTILLON, CHRISTOPHE; MARTINON,

; APPLICANT: FREDERIC; GRAS-MASSE, HELENE;
; APPLICANT: GOMARD, ELISABETH; SERGHERAERT,
; APPLICANT: CHRISTIAN; MAGNE, REMY; TARTAR,
; APPLICANT: ANDRE; LEVY, JEAN-PAUL
; TITLE OF INVENTION: CYTOTOXIC T LYMPHOCYTE
; INDUCING LIPOPEPTIDES AND USE AS VACCINES
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/251,472
; FILING DATE: 31-MAY-1994
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: MUSERLIAN, CHARLES A
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 102.1511
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: HIV-1
; FEATURE:
; LOCATION: NEF 125-147
US-08-251-472-5
Query Match 100.0%; Score 22; DB 2; Length 23;
Best Local Similarity 100.0%; Pred. No. 87;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
| | | |
DB 6 EGIY 9

RESULT 13
US-09-248-082-5
; Sequence 5, Application US/09248082
; Patent No. 6015584
; GENERAL INFORMATION:
; APPLICANT: BOUTILLON, CHRISTOPHE; MARTINON,
; APPLICANT: FREDERIC; GRAS-MASSE, HELENE;
; APPLICANT: GOMARD, ELISABETH; SERGHERAERT,
; APPLICANT: CHRISTIAN; MAGNE, REMY; TARTAR,
; APPLICANT: ANDRE; LEVY, JEAN-PAUL
; TITLE OF INVENTION: CYTOTOXIC T LYMPHOCYTE
; INDUCING LIPOPEPTIDES AND USE AS VACCINES
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016


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COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/248,082
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,472
FILING DATE: 31-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: MUSERLIAN, CHARLES A
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 102,1511
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 23
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: HIV-1
FEATURE:
LOCATION: NEF 125-147
US-09-248-082-5

Query Match 100.0%; Score 22; DB 3; Length 23;
Best Local Similarity 100.0%; Pred. No. 87;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
Db 6 EGIY 9

RESULT 14
US-08-838-128B-24
Sequence 24, Application US/08838128B
Patent No. 6713069
GENERAL INFORMATION:
APPLICANT: Gallaher, William R.
TITLE OF INVENTION: Compositions and Methods for Detecting,
Preventing, and Treating African Hemorrhagic Fever
NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: John H. Runnels
STREET: P. O. Box 2471
CITY: Baton Rouge
STATE: LA
COUNTRY: USA
ZIP: 70821-2471
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25,
Wordperfect 5.1, Wordpad 4.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,128B
FILING DATE: 15-APR-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Runnels, John H.
REGISTRATION NUMBER: 33451
REFERENCE/DOCKET NUMBER: 95M6.1
TELECOMMUNICATION INFORMATION:

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Thu Nov 18 06:37:15 2004

us-09-328-296-10.rai

Page 6

Db 35 EGIY 38
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Search completed: November 18, 2004, 05:25:43
Job time : 2.5942 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 18, 2004, 05:21:14 ; Search time 6.30435 Seconds
(without alignments)
224.688 Million cell updates/sec

Title: US-09-328-296-10

Perfect score: 22

Sequence: 1 EGIY 4

Scoring table: BLOSUM62

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Post-processing: Minimum Match 0%

Listing first 45 summaries

Database : Published Applications AA:*

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- 19: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
- 20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	22	100.0	4	15	US-10-701-550-18
4	22	100.0	11	9	US-09-569-193A-17
5	22	100.0	11	13	US-10-057-812-17
6	22	100.0	11	15	US-10-701-550-17
7	22	100.0	15	14	US-10-384-976-29
8	22	100.0	20	17	US-10-776-013-248
9	22	100.0	22	15	US-10-601-100-103
10	22	100.0	27	15	US-10-424-599-190040
11	22	100.0	28	9	US-09-864-761-43895
12	22	100.0	32	17	US-10-425-115-263428
13	22	100.0	34	15	US-10-424-599-159213

14	22	100.0	39	14	US-10-132-585-4	Sequence 4, Appli
15	22	100.0	39	15	US-10-424-599-227557	Sequence 227557,
16	22	100.0	43	15	US-10-424-599-197090	Sequence 197090,
17	22	100.0	43	15	US-10-424-599-272761	Sequence 272761,
18	22	100.0	48	16	US-10-767-701-62559	Sequence 62559, A
19	22	100.0	50	17	US-10-776-013-252	Sequence 252, App
20	22	100.0	58	15	US-10-424-599-255277	Sequence 255277,
21	22	100.0	59	15	US-10-335-977-7842	Sequence 7842, Ap
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27	22	100.0	62	17	US-10-425-115-249653	Sequence 249653,
28	22	100.0	62	17	US-10-425-115-294698	Sequence 294698,
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32	22	100.0	67	16	US-10-767-701-62575	Sequence 62575, A
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35	22	100.0	69	15	US-10-424-599-240496	Sequence 240496,
36	22	100.0	70	15	US-10-424-599-206003	Sequence 206003,
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38	22	100.0	71	9	US-09-764-855-101	Sequence 101, App
39	22	100.0	71	14	US-10-072-349-101	Sequence 101, App
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41	22	100.0	71	17	US-10-425-115-300813	Sequence 300813,
42	22	100.0	72	17	US-10-425-115-230784	Sequence 230784,
43	22	100.0	73	14	US-10-106-698-4894	Sequence 4894, Ap
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45	22	100.0	74	16	US-10-437-963-179864	Sequence 179864,

ALIGNMENTS

RESULT 1

US-09-569-193A-18
; Sequence 18, Application US/09569193A
; Patent No. US20020076697A1
; GENERAL INFORMATION:
; APPLICANT: Nkiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/09/569,193A
; CURRENT FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 09/316,447
; PRIOR FILING DATE: 1999-05-21
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Protease product
US-09-569-193A-18

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Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 EGIY 4

RESULT 2

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US-10-057-812-18
; Sequence 18, Application US/10057812
; Patent No. US20020197619A1
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/10/057,812
; CURRENT FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: US/09/569,193A
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Protease product
US-10-057-812-18
Query Match 100.0%; Score 22; DB 13; Length 4;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
Db 1 EGIY 4

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; Sequence 18, Application US/10701550
; Patent No. US20040058406A1
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/10/701,550
; CURRENT FILING DATE: 2003-11-05
; PRIOR APPLICATION NUMBER: US 09/569,193
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 09/316,447
; PRIOR FILING DATE: 1999-05-21
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Protease product
US-10-701-550-18
Query Match 100.0%; Score 22; DB 15; Length 4;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
Db 1 EGIY 4

RESULT 4
US-09-569-193A-17
; Sequence 17, Application US/09569193A
; Patent No. US20020076697A1
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/09/569,193A
; CURRENT FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 09/316,447
; PRIOR FILING DATE: 1999-05-21
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Protease substrate
; NAME/KEY: misc.feature
; LOCATION: (11)..(11)
; OTHER INFORMATION: lysinamide
US-10-057-812-17
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Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
Db 1 EGIY 4

RESULT 5
US-10-057-812-17
; Sequence 17, Application US/10057812
; Patent No. US20020197619A1
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/10/057,812
; CURRENT FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: US/09/569,193A
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
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; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Protease substrate
; NAME/KEY: misc.feature
; LOCATION: (11)..(11)
; OTHER INFORMATION: lysinamide
US-10-057-812-17
Query Match 100.0%; Score 22; DB 13; Length 11;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
Db 1 EGIY 4
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RESULT 6

US-10-701-550-17
; Sequence 17, Application US/10701550
; Publication No. US20040058406A1
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/10/701,550
; PRIOR FILING DATE: 2003-11-05
; PRIOR APPLICATION NUMBER: US 09/569,193
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 09/316,447
; PRIOR FILING DATE: 1999-05-21
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
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; TYPE: PRT
; ORGANISM: Artificial Sequence
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; NAME/KEY: misc feature
; LOCATION: (11)..(11)
; OTHER INFORMATION: lysinamide
US-10-701-550-17

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Best Local Similarity 100.0%; Pred. No. 1.5e+02;
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QY 1 EGIY 4
Db 1 EGIY 4

RESULT 7

US-10-384-976-29
; Sequence 29, Application US/10384976
; Publication No. US20030224015A1
; GENERAL INFORMATION:
; APPLICANT: HART, MARY KATHERINE
; APPLICANT: WILSON, JULIE A.
; APPLICANT: PUSHKO, PETER
; APPLICANT: SMITH, JONATHAN F.
; APPLICANT: SCHMALJOHN, ALAN L.
; TITLE OF INVENTION: EBOLA PEPTIDES AND IMMUNOGENIC COMPOSITIONS CONTAINING
; FILE REFERENCE: ARMY 144A
; CURRENT APPLICATION NUMBER: US/10/384,976
; CURRENT FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: 09/337,946
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/091,403
; PRIOR FILING DATE: 1998-06-29
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 29
; LENGTH: 15
; TYPE: PRT
; ORGANISM: Ebola zaire
US-10-384-976-29

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Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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; Publication No. US20040226056A1
; GENERAL INFORMATION:
; APPLICANT: MYRIAD GENETICS, INC.
; APPLICANT: Roch, Jean-Marc
; APPLICANT: Bartel, Paul
; APPLICANT: Heichman, Karen
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING NEUROLOGICAL DISORDERS AND
; FILE REFERENCE: 1600.24
; CURRENT APPLICATION NUMBER: US/10/776,013
; CURRENT FILING DATE: 2004-02-09
; PRIOR APPLICATION NUMBER: 09/948904
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: 09/466139
; PRIOR FILING DATE: 1999-12-21
; PRIOR APPLICATION NUMBER: 60/113534
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/124120
; PRIOR FILING DATE: 1999-03-12
; PRIOR APPLICATION NUMBER: 60/141243
; PRIOR FILING DATE: 1999-06-30
; PRIOR APPLICATION NUMBER: 09/975072
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/240790
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 10/194967
; PRIOR FILING DATE: 2002-07-15
; PRIOR APPLICATION NUMBER: 60/304775
; PRIOR FILING DATE: 2001-07-13
; NUMBER OF SEQ ID NOS: 695
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 248
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-776-013-248

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Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
Db 6 EGIY 9

RESULT 9

US-10-601-100-103
; Sequence 103, Application US/10601100
; Publication No. US20040072261A1
; GENERAL INFORMATION:
; APPLICANT: INNOGENETICS N.V.
; TITLE OF INVENTION: Method for the Diagnosis and Differential Diagnosis of
; FILE REFERENCE: 11362.0038.NPUS01
; CURRENT APPLICATION NUMBER: US/10/601,100
; CURRENT FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: EP 02447121.1
; PRIOR FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: US 60/396,437
; PRIOR FILING DATE: 2002-07-17
; NUMBER OF SEQ ID NOS: 113
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 103
; LENGTH: 22

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; TYPE: PRT
; ORGANISM: homo sapiens
US-10-601-100-103

Query Match
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Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
Db 18 EGIY 21

RESULT 10
US-10-424-599-190040
; Sequence 190040, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J
; APPLICANT: Kovalic, David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 190040
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION:
US-10-424-599-190040

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Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 11
US-09-864-761-43895
; Sequence 43895, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aecmca-x-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 43895
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC005083.1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.48
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.72
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.58
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.43
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.6
US-09-864-761-43895

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Best Local Similarity 100.0%; Score 22; DB 9; Length 28;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
Db 16 EGIY 19

RESULT 12
US-10-425-115-263428
; Sequence 263428, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 263428
; LENGTH: 32
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: MFT4577_171860C.1.pep
US-10-425-115-263428

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Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 EGIY 4
Db 3 EGIY 6

RESULT 13

US-10-424-599-159213
; Sequence 159213, Application US/10424599
; Publication No. US20040031072A1

; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei

; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599

; CURRENT FILING DATE: 2003-04-28

; NUMBER OF SEQ ID NOS: 285684

; SEQ ID NO 159213

; LENGTH: 34

; TYPE: PRT

; ORGANISM: Glycine max

; FEATURE:

; OTHER INFORMATION: Clone ID: PAT_MRT3847_114790C.1.pep

US-10-424-599-159213

Query Match 100.0%; Score 22; DB 15; Length 34;

Best Local Similarity 100.0%; Pred. No. 4.8e+02;

Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
Db 30 EGIY 33

RESULT 14

US-10-132-585-4

; Sequence 4, Application US/10132585

; Publication No. US20030055234A1

; GENERAL INFORMATION:

; APPLICANT: Kapeller-Libermann, Rosanna

; TITLE OF INVENTION: 26030, A HUMAN RHO-GAP FAMILY MEMBER AND

; TITLE OF INVENTION: USES THEREFOR

; FILE REFERENCE: MPI01-101PIRM

; CURRENT APPLICATION NUMBER: US/10/132,585

; CURRENT FILING DATE: 2002-04-25

; PRIOR APPLICATION NUMBER: 60/286,581

; PRIOR FILING DATE: 2001-04-25

; NUMBER OF SEQ ID NOS: 6

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 4

; LENGTH: 39

; TYPE: PRT

; ORGANISM: unknown

; FEATURE:

; OTHER INFORMATION: PFAM consensus rhoGAP domain

US-10-132-585-4

Query Match 100.0%; Score 22; DB 14; Length 39;

Best Local Similarity 100.0%; Pred. No. 5.5e+02;

Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
Db 7 EGIY 10

RESULT 15

US-10-424-599-227557

; Sequence 227557, Application US/10424599

; Publication No. US20040031072A1

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